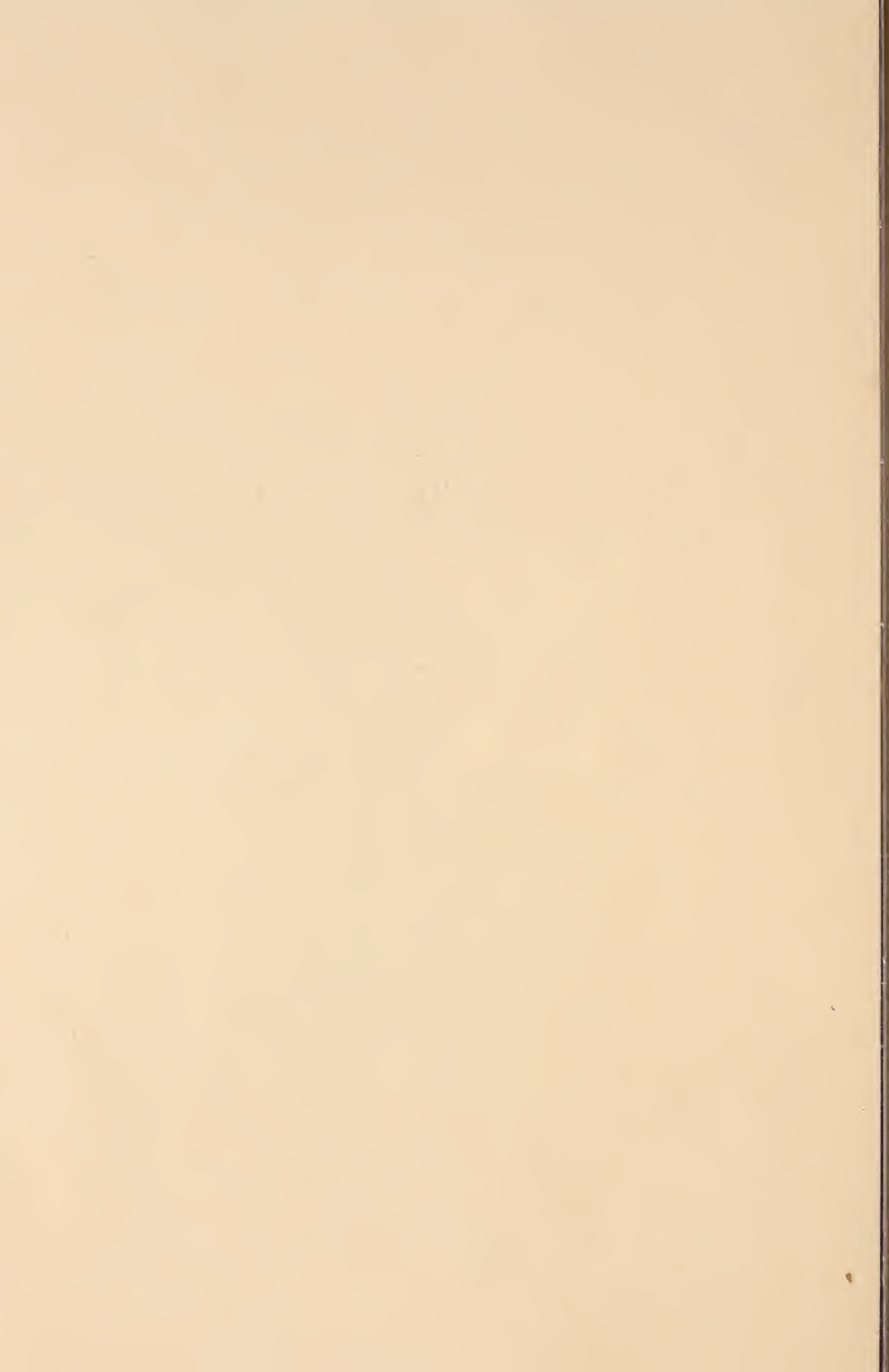


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# Park's Floral Magazine

Vol. XLVIII, No. 3. LAPARK, PA., MARCH, 1912. 3 Years 25 Cts.  
Established 1871. 6 Years 50 Cts.



## SWEET PEA--NEW LARGE-FLOWERED.

Complete Mixture, 1 lb 50 cents,  $\frac{1}{4}$  lb 15 cents, oz 8 cents, pkt 5 cents.

**I**F YOU GROW but a half dozen annuals one should be Sweet Pea. The vines are as easily raised as Garden Peas, and bloom freely all Summer, if not allowed to seed. The flowers are large and showy, exquisite in texture, varied and rich in color, and deliciously fragrant. They are lovely on the vine, and superb for cutting. I offer the very best new and choice varieties, in charming shades, as follows:

White, all shades 5 Red, in very rich shades 5 Pink, all the fine hues 5 Shaded and margined 5  
Yellow, odd shades 5 Dark Blue, finest shades 5 Cupid, fine bush sorts 5 Light Blue, exquisite 5  
Red, striped and blotched; very handsome 5 Blue, striped and blotched; beautiful 5

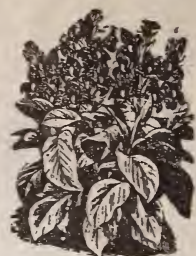
**For 25 Cents** I will mail one packet of each of the above splendid mixtures (10 packets), together with Park's Floral Magazine one year. If your subscription has expired, why not renew upon this offer. If ordered at once I will credit you three years. Five lots and 5 subscriptions only \$1. Tell your friends. Get up a club. Address **GEO. W. PARK, LaPark, Pa.**



# BIG OFFERS FOR MARCH.



**D**URING THIS MONTH, MARCH, I will send to everyone ordering 50 cents worth of seeds from the January Magazine or from my Floral Guide, one fine root of the glorious King Humbert Canna—the most gorgeous and beautiful of all Cannas, and a grand garden, lawn or pot plant. The plant grows four feet high and is a mass of huge, glowing crimson-scarlet flowers throughout the season. Or, Send Me \$1.00 or more for seeds this month, March, and I will send in addition, to your order, two roots of King Humbert Cannas, and one root of the new Richard Wallace, the finest of the golden-flowered Cannas. These three roots, alone, are worth 40 cents, but to encourage early orders I will mail them as a premium for an order of a dollar or more sent this month for seeds, etc., selected from my list in the Magazine or from my Floral Guide, which will be sent you free on request, if you do not have one,



**Still More.** So anxious am I to get your order this month that I will add to the Canna premium a packet of my Surprise Mixture of Flower Seeds, 1000 kinds, for a big bed of mixed flowers, yielding something new or rare every morning throughout the season. Such a bed will often reveal some choice new flower, or put you in possession of some old favorite you had lost. Price of the packet 10 cts., but free with every subscription or order of 25 cts. or more received this month if called for.

**Please Note.** When you want these Premiums, you must ask for them. They will take the place of the Geranium Premium offered in my Guide.

These Free Premiums are offered only for orders received during this month, March, 1912.

**Park's Floral Guide** is now being mailed to every subscriber to my Floral Magazine. It contains hundreds of illustrations and much floral information, besides descriptions and prices of the finest flowers. The prices range from three to five cents per packet. You will miss it if you fail to see this Guide before buying your season's supply of seeds, bulbs and plants. A postal card will bring it promptly to you by mail.



**HAS YOUR SUBSCRIPTION EXPIRED?** My Friend, if your subscription expires with this number I would earnestly ask you to RENEW AT ONCE. I do not want to take your name from my list, but in case you fail to renew, the P. O. Department will require a cent of postage to be paid upon each issue of the Magazine sent you, so please renew promptly. To make it easy for you to subscribe see the Sweet Pea offer on title page of this issue, and also the liberal offers in my Guide and lists of seeds. I will also make this **Special Offer** right here:

Send me 25 cts. this month for a 3-years' subscription, and I will mail to you as a premium one fine root of that finest of all Cannas, King Humbert; or, send 50 cents for two 3-years' subscriptions and two King Humbert Cannas, and I will add a Richard Wallace Canna, the finest of all golden-flowered Cannas, for your trouble. Kindly let me hear from you at once.

**Special Request.** I do especially request every friend of the Magazine to speak to their friends this month and send me as many new subscriptions as possible; also see that the older subscribers renew. I do not often make a special request, and I sincerely hope my flower-loving friends will comply with this one.

## A LIBERAL PREMIUM.

PARK'S FLORAL MAGAZINE a year and seeds enough for your Flower Garden or your Vegetable Garden, all for 15 cents. Here is the list:

### CHOICE FLOWER SEEDS.

**Aster.** Queen of the Market, fine double flowers in autumn; blue, white, pink, etc., mixed.  
**Larkspur.** Double Branching, a glorious annual, double flowers of many colors; mixture.  
**Pansy.** Giant Fragrant, bloom the entire season, bearing fragrant, rich-colored flowers, mixed.  
**Petunia.** Superb Bedding; a mass of rich bloom all season.

**Phlox Drummondii.** plants covered with beautiful clusters of bloom of various colors.  
**Pinks.** New Japan, most beautiful of summer flowers, in glowing colors and variegations.  
**Poppy.** New Shirley, surpassing other annuals; flowers in masses, of exquisite, rich colors; mixed.

**Portulaca.** Large-flowered, succulent plants; flowers scarlet, white, rose, yellow and striped.  
**Sweet Peas.** New Large-flowered, scented; easily grown; all the new shades and forms.  
**Mixed Seeds.** Hundreds of old and new flowers in great variety. Something new every morning.

### CHOICE VEGETABLE SEEDS.

**Beet.** Improved Blood Turnip; early, tender, sweet, prolific.  
**Cabbage.** Early Jersey Wakefield, solid, crisp and tender.  
**Cabbage.** Late Flat Dutch, best for general crop; large, sweet, solid, sure to head; keeps well.  
**Cucumber.** White Spine; medium size, early, crisp, sweet.

**Lettuce.** Drumhead, compact heads, early, tender, rich and buttery.  
**Onion.** Large Flat Red, best to grow large onions from; very mild.  
**Parsnip.** Guernsey, best variety; large, tender, sugary, of fine flavor.

**Radish.** Mixed. Specially prepared from early, medium and late sorts.  
**Tomato.** Matchless, earliest of Tomatoes; rich red, solid, does not rot.  
**Turnip.** Purple-top Globe, improved sort from France; sweet, tender.

### FOR 15 CENTS

you will get the Magazine a year and either of the fine collections of seeds you ask for; or, for 25 cents you will get the Magazine a year and both collections. Tell your friends and get up a club. If you will send me four subscriptions, at either 15 cents or 25 cents, or both, I will credit you to the Magazine a year for yourself, and send both collections as offered.

### SPECIAL CLUB OFFER.

Get up a club. Almost anybody you ask, who has a garden, will subscribe. And if you send me a club of 10 subscriptions at 15 cents each (\$1.50) I will send you a miniature Swiss Wall Clock, a good time-keeper, and an ornament for any room. Or, if preferred, I will mail you a handsome open-faced nickel watch, just the thing every little boy wants to carry, and something every little girl would appreciate for her bed-room. For other premiums write for my list and agent's outfit. Get out among your friends and neighbors before they have already secured their seed-supply, and you will find it no trouble to get subscribers.

For 3 subscriptions (45 cts.) I will mail the Magazine and 10 pkts. of seeds to each subscriber, and 3 two-oz. pkts. of Peas, Beans, and Corn (worth 30 cts.) to the agent.

GEO. W. PARK, LaPark, Lanc. Co., Pa.



# PARK'S FLORAL MAGAZINE

A MONTHLY JOURNAL OF FLORICULTURE

Price, 3 Years 25c.

[Entered at La Park, Pa.,  
postoffice as second class mail matter.]

GEO. W. PARK, Editor and Proprietor.

Vol. XLVIII.

LaPark, Pa., March, 1912.

No. 3.

## MARCH.

Fierce and wildly the March winds blow,  
Flinging aside the winter's snow;  
Soon, from beneath that blanket of white,  
The green of spring will come into sight.  
Then come the days of sun and rain,  
With a thousand flow'rs in their train.  
Lancaster Co., Pa. Florence E. LeFevre.

## ABOUT GLOXINIAS.

THERE ARE probably no more desirable summer-blooming pot-plants than Gloxinias. They have beautiful foliage, and the flowers are large and attractive, being very delicate in texture and of the most pleasing colors and variations. Some are pure white, some scarlet-crimson, and some rich purple, while others are very richly spotted, and still others scarlet or purple with a distinct pure white margin.

In buying the tubers it is well to get large, smooth, healthy young tubers. Avoid the old rough ones, even if they are large, as they are mostly declining in vitality. Pot in a well-drained, sandy, turfy loam, letting the tuber show above the surface. Excavate for the tuber and press the soil firmly about it, then water, sparingly at first, but increasing the supply as the roots develop and the foliage appears. Keep in a partially shaded place, away from cold or drying air, and encourage a moist atmosphere. Avoid moistening the leaves in the evening, and keep the plants from the hot, noon-day sun. The buds begin to show soon after the leaves appear, and the

blooming season extends throughout the summer and autumn months. In potting be careful to set the tubers "right side up." Usually the crown is concave and rough, while the lower surface is oval and smooth.

The great beauty of a group of Gloxinias in bloom, together with the limited amount of care required should recommend these elegant tuberous flowers to everyone who has but a few pot-plants during the summer months. They are sure to prove abundantly satisfactory, if given even a modicum of attention.

**Wild Clematis.**—A sister in Michigan writes that they have wild *Clematis paniculata*

growing by the river. It is especially beautiful after the flowers fade, because of the long, fluffy, silvery appendages of the seeds. The species is doubtless that of *Clematis Virginiana*. The flowers are somewhat like those of *Clematis paniculata*, but not so white or so numerous borne. The mass of feathered seeds that succeed the flowers are very showy throughout the autumn, and are a source of admiration, being much more attractive in this condition than is *Clematis*



FLOWER OF SPOTTED GLOXINIA.

*paniculata*. The species is entirely hardy, and likes a moist, rich soil. It is easily grown from seeds, though the seeds germinate tardily, as do nearly all of the *Clematis* family.

**Starting Cannas.**—To promote the germination of Canna seeds, put them in a cup, and pour boiling water over them, allowing them to remain in the water twenty-four hours, then take them out and plant them.



# Park's Floral Magazine.

*A Monthly. Entirely Floral.*

GEO. W. PARK, B. Sc., Editor and Proprietor,  
LA PARK, LANCASTER CO., PA.

The Editor invites correspondence from all who love and cultivate flowers.

Subscription Price, 25 cts. for 3 years. 50 cts. for 6 years.

Advertising.—This department is at 326 West Madison St., Chicago, Ill., Mr. Frank B. White, Vice President and Manager, to whom all communications pertaining to advertising should be addressed. All advertisements inserted are believed to be reliable. Advertisements of intoxicants, tobacco and tobacco supplies, fortune telling, medicines, etc., are strictly excluded. If any deception is practiced upon our readers it should be promptly reported to the advertising manager.

MARCH, 1912.

**Hyacinths Mixing.**—Hyacinths of various colors may be grown together in a bed or border without danger of mixing. New varieties are only produced by hybridization of the flowers, and the development of plants from the seeds thus obtained.

**Sacred Lily Bulbs after Blooming.**—For blooming purposes the Sacred Lily is not worth saving after the bulbs have bloomed in water or soil in the house. They will produce foliage the next season but will not flower. In a mild climate the bulbs may be bedded out, where they may recover their vitality in the course of two or three years. It is better, however, to buy new bulbs each season for house culture.

**Poinsettia Leaves Dropping.**—The Poinsettia blooms about Christmas, and remains in bloom for some weeks. Occasionally the leaves will drop off, leaving the branches bare with the flowers at the tip. This is usually due to sudden changes of the weather, though sometimes it is caused by irregular watering or allowing the plant to become either too dry or too wet. The plant will not endure a chilling atmosphere. The temperature should not fall below 50 degrees.

**Farfugium.**—A subscriber in Franklin County, Pa., asks if there are two or three varieties of Farfugium, as some plants have more yellow spots than others. The variation is simply due to the various conditions under



FARFUGIUM.

which the plants are grown. A sandy, rather poor soil will produce plants with better variegation than a rich, tenacious one. When it is necessary to apply a fertilizer, it is better to stir in a little lime or bone dust than to use a fertilizer that is rich in nitrogen.

## VINES FOR A NORTH-SIDE PORCH.

**A** VIGOROUS-GROWING, luxuriant vine for a northern exposure is Aristolochia Siphon, known as the Dutchman's Pipe Vine, because of the curious little pipe-like brown flowers which it bears abundantly early in the spring, before the foliage appears. This vine, in good soil, thrives amazingly, and the abundance of rich, green leaves make a luxuriant display.

Another vine that may be used upon a north-side porch is English Ivy. It will climb a brick wall without training and cover it with its dense, beautiful, evergreen foliage. It is also handsome as a trellis pot plant. Both of these vines are perfectly hardy, and will take care of themselves, after once started. The Pipe Vine, however, must be trained to its support.



ENGLISH IVY.

**Sow Bug.**—This is a member of the Crustacea, known as Oniscus asellus. It is often destructive to young seedling plants, sometimes destroying them before they appear above the surface soil. It abounds where there is much decayed vegetable matter, and to get rid of them all such matter should be scraped away and removed, and traps set where the pest congregates. The traps are simply potatoes or turnips cut in half and excavated. Set these traps with the excavated surface downward. Examine the traps every morning and destroy the pests by putting them in boiling water. They can also be destroyed by the use of shorts meal, with which is mixed arsenic or Rough on Rats, adding a little water to form a sort of paste. Either of these remedies will be effectual. The common name of the pest is Sow Bug.

**Roses Rotting.**—Mrs. Miller, of North Carolina, reports that her Cochet, Gould and Lyons Roses rotted off at the roots in the fall. This is probably due to some fungus which attacks the plants, owing, perhaps, to too much moisture about the roots. A remedy would be to secure good drainage and stir some quick-lime or bonedust into the soil to make it porous, and overcome any acidity that may be in it.

**Pineapple Plant.**—A lady in California has a plant that was given her under the name of Pineapple plant. It looks like Salvia, but has larger leaves, and grows five feet high. The leaves have a Pineapple fragrance, and the branches are tipped with tassel-like, reddish blooms. The plant is, possibly, a species of Salvia.



## PROPAGATING ROSES AND SHRUBS.

**A**S A RULE, where but few plants are desired, propagation is readily and effectually done by layering branches. This consists simply of making a sloping cut downward upon the side of the branch to be layered, then excavating the ground, pressing this cut portion down and covering with soil, the tip of the branch only projecting above the soil. Here let it remain for several months, when it can be detached from the old branch and set out or potted as desired. Roses, Spiræas, Snowballs and the like are all easily propagated in this way. Where more plants are wanted, take cuttings of half-ripened wood in June and insert them in sandy soil in a shady



STARTING ROSE CUTTINGS IN SAND.

place, keeping the soil moist until the cuttings become established. Most of the Roses and shrubs are propagated in this way. Some plants, as the Single Rose, Philadelphus, Syringa, etc., may be readily propagated from seeds, the seeds being fresh and given several months to germinate. A great many shrubs and shrubby vines can be propagated from seeds, but few of these start promptly; some are even two or three years in starting. This is true of Viburnums, Sambucus, Vitis and Persimmon. A few of the seeds may germinate promptly, while the bulk of them will not come up for one, two or three years.

**Blooming May 30th.**—Perennials that are in bloom on Decoration Day, May 30th, are, Iris, Pæony, Bleeding Heart, Columbine, Perennial Poppy, Rheum, Sweet Rocket, and that beautiful little garden plant, Saponaria ocyroides. For a showy bed, or for a charming cemetery plant on Decoration Day, this is unsurpassed. The plants are low and spreading, the flowers of a pinkish color, and so profusely borne that the bed is a sheet of exquisite color. Among the shrubs are the old-fashioned Snowball, Weigela, and Philadelphus or Mock Orange, all of which are in bloom at this time and very showy.

**Azaleas after Blooming.**—After an Azalea plant has bloomed, it should be kept watered until its growth is mature. It should then be plunged in a garden-bed where it will get, at least, the morning and evening sun. If the plant requires a larger pot, it should be shifted just after the flowering period. Pruning should also be attended to at the same time. Remove to the house before the cold weather comes.

## STARTING A RUBBER PLANT.

**T**HE RUBBER PLANT starts very slowly from cuttings, and not every cutting will strike roots, even with time and attention. It is therefore better to start plants in this way: Cut a nick in each side of the branch to be rooted, then tie a ball of sphagnum moss, as large as a pint measure or larger around it. To keep this in place and to prevent it from drying quickly, surround it with a piece of oil cloth or rubber, tying securely to the branch below the nick, leaving it open above, so that it can be watered freely, as the moss must be kept continuously moist or wet. To prevent more rapid evaporation the cloth can extend above the moss and be tied to the stem above, loosening it only to moisten the ball of moss. Thus treated roots will appear at the nick in from one to three months, according to the condition of the wood. The moss must never be allowed to dry out. When sufficiently rooted, cut off the branch, remove the moss, and pot in a good, porous, well-drained compost.



RUBBER PLANT.

**Sugar Berry.**—The Sugar Berry or Hack Berry is not the same as Shad Berry or June Berry. The former is *Celtis occidentalis*, and the latter, *Amelanchier Canadensis*. The Sugar Berry has inconspicuous flowers in spring, and the branches are covered with black, hard, nut-like berries, surrounded by a thin, sweet pulp. These berries remain on until taken by the birds in winter time. The Shad Berry blooms early in spring, the flowers appearing in profusion before the foliage develops and at this time the tree is very beautiful. These flowers are succeeded in June by ripe scarlet berries which are pleasant to the taste, hence the name "June Berry." Both trees are worthy of a place in any ornamental garden.



SUGAR BERRY.

**Started Callas.**—When a started Calla fails to bloom, bed it out in a slightly shaded situation and mulch it during summer with stable litter. It is a summer-blooming plant, and the tubers should be kept dry during winter, or at least not in an active condition.

**Cape Jasmine.**—This shrub requires a rather cool, moist place in winter, and can be bedded out in a slightly shaded situation in summer. If it requires a larger pot, shift it just before growth begins in spring.

## SEA ONION.

**T**HE SO-CALLED Sea Onion is a bulbous plant, with long, strap-like, deep green leaves, ending in a tail-like appendage.

Its name is *Ornithogalum caudatum*, the specific name being derived from the tail or caudle-like appendage. Like the garden Onion, the bulb prefers to grow above the surface, and in planting, it should not be buried. The bulb is of a beautiful, sea-green color, and when it attains a diameter of two or three inches, it throws up a tall, branching flower stem which blooms for several weeks. The flowers in shape resemble those of *Ornithogalum umbellatum*, but much smaller and of a greenish white color. The plant delights in a sandy, porous soil, and rather sunny situation. It does not, necessarily, require a large



SEA ONION.

pot, but must have good drainage. When in bloom, the long, drooping leaves are curious and handsome. Some persons prefer to roll the leaves up into a coil and tie them with a bright ribbon. When so treated the plants are showy as well as curious. This species of *Ornithogalum* is hardy in the South, but will not endure the winters of the North. It is propagated from little bulblets which form in embryo beneath the outer skin-like layer, breaking this and becoming visible as they develop in size. The illustration shows how these bulblets are produced.

**Maranta.**—This is a genus of handsome foliage plants, suited only for hot house decoration. They are not recommended for flowers, and the flower stems are usually cut off as soon as they appear, in order to develop the foliage more handsomely. *Maranta zebra* and *Maranta major* might be utilized in a window, especially the latter, which will endure a dry atmosphere and low temperature. Hot house Marantas require a moist, warm atmosphere and a shady situation to keep them in good health. They are not well adapted to window culture.

## ROSES IN THE HOUSE.

**T**O BE successful with Roses in winter, begin early in summer. Get young plants of such varieties as Mme. Cecil Bruner, Burbank, Hermosa, Marie Lambert, Clothilde Soupert and M<sup>lle</sup> Francisca Kruger. These can be depended upon for winter-blooming. Pot them in three-inch pots and shift as the plants grow, being careful to pinch the buds out, and also the tops, to make the plant bushy. When they show signs of blooming, there is a possibility that they are becoming pot-bound, and the plants should be shifted, thus turning the attention of the growth to the roots, and preventing blooming. During summer keep the pots plunged in coal ashes in a cool place, well-watered, and in a growing condition. Remove them to the house before frost, keep in partial shade, and avoid direct sunshine at first; afterwards give a sunny exposure. Place chopped tobacco stems over the soil to keep off insects,



ROSES.

and sprinkle regularly twice a week. Keep the atmosphere moist by placing an open pan of water on the register, or where the heat will cause evaporation. This will be good for humanity as well as plants. Preserve an atmosphere of 50° at night, and 65 or 70° in daytime. Keep the temperature as even as possible. Use weak liquid manure once a fortnight, when watering. When the plant blooms, cut the faded flowers off with a portion of the branch if the branch is not thrifty, to encourage new growth. Water regularly, but not too freely, and see that the drainage is good. These are the essential points for Rose culture in the window, and if carefully followed will insure success.

**Non-blooming Roses.**—A subscriber in South Dakota has Jacqueminot, Paul Neyron and other Roses that grow well, but do not bloom. The non-blooming is probably due to a surplus of alkali in the soil. A remedy is to incorporate a thin layer of quicklime with the surface soil, or apply a thin coating of bone dust. These materials may be incorporated together in the soil. Do not prune the plants, as this will encourage stronger growth. It would be better to decrease the vitality rather than to increase it.

**Hyacinths After Blooming.**—After blooming in the house, Hyacinths should be given a frost-proof place and then watered rather sparingly until the foliage begins to die off, when water may be entirely withheld, and the pots placed in a cool cellar to remain there until late in autumn, when they may be bedded out in the garden.



**A WESTERN HOME.**

**T**HE PRETTY, flower-bedecked home shown in the engraving is one that this Magazine has visited for many years, that of F. D. Wright, of Spokane, Wash. The building, which is of bungalow style, is neat and cozy in appearance, and the vines and flowers about it are tastefully arranged, the whole having a charming effect. It occupies a southeast corner, and the flower-border, edged with Sweet Alyssum, has full exposure to the southern sun. This, however, does not detract from the vigor of the plants. The coming summer Mrs. Wright will have this border set with Scarlet Geraniums, edged with Dusty Miller, in order to add variety and make the scene fresh and new.

[Note.—The Editor is under obligations to Mrs. Wright for the bright, well-developed photograph received, which she states was taken by a neighbor without her knowledge. It is always a pleasure to receive good photographs of a house or flower bed or plant that is specially attractive, as such views often give ideas of arrangement or culture that would not otherwise occur.—Ed.]

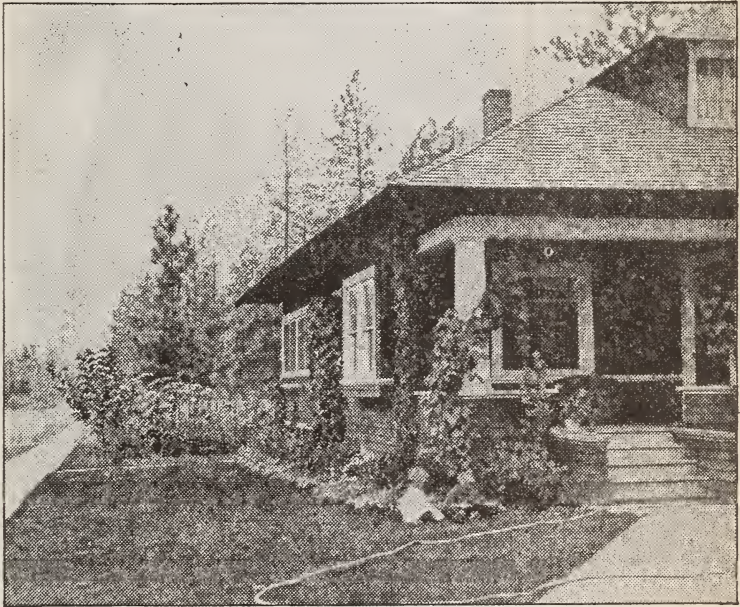
**Curling of Cyclamen Leaves.**

—Cyclamen like a rather cool, moist temperature and a sunny situation in winter. Spray the leaves frequently, as they are subject to attacks of red spider, which cause the leaves to curl, become brown and die. Plants affected by spider will also fail to develop their buds properly. See that the drainage is good and that the soil is kept moist but not wet. The atmosphere can be kept moist by evaporation of water. When potting the plants allow the crown to remain above the surface.

**Moles.**—Mrs. Cartel of Kansas wants to know if bi-sulphide of carbon can be used to destroy moles, the worst enemy she has to fight in her garden. The so-called moles are probably the common field mice. Moles live upon insects and worms that they find in the soil, and the mice live upon seeds, bulbs and roots. Field mice are often found in the runs the moles have made just beneath the ground. They can be destroyed by placing poisoned grain in the runs. Bi-sulphide of carbon is used to destroy insects, but it would probably not be effectual with the mice, as they would, doubtless, seek other quarters as soon as the poisonous air was recognized.

**CYCLAMEN SEEDLINGS.**

**T**HESE should be kept growing thriftily until they blossom, which will be in from fifteen to eighteen months after the seeds are sown. Water regularly, keep in partial shade in summer, and sponge the leaves every week to keep them free from insects. After blooming repot the plants and plunge them early in summer in a shady place outdoors, to remain till autumn. At no time should the plants be allowed to dry out or suffer for want of water. Young plants are always more thrifty and fine-blooming than the older ones, and are to be preferred. Almost every seed will germinate, the germination period being from three to five weeks after the seeds are sown. Let the seedlings remain in the seed-box until the corms or bulbs become the size of a pea before transplanting or potting.



A FLOWER-BEDECKED WESTERN HOME.

**Surprise Lilies.**—Mrs. Clemons, of Michigan, has a plant called Surprise Lily, which she says is somewhat like the Amaryllis, except that the flowers are only three inches across and the leaves are long and narrow. The blooms are of a soft pink color, and the buds suddenly appear. The description would answer to that of Amaryllis rosea, often advertised as Zephyranthes rosea. The flowers are singly borne on stems ten inches high. When planted out some of the plants will be found in bloom after every rain. They are usually sold at five cents each or fifty cents per dozen.

**Christmas Begonia.**—What is called Christmas Begonia is Begonia Gloire de Lorraine. It is fibrous rooted, mostly propagated from leaves. It is not so easily grown as some other Begonias, but is one of the most beautiful when well grown.



## CHILDREN'S LETTER

**M**Y DEAR CHILDREN:—Yesterday, February 13th, was a bright and beautiful winter day. The air was still and balmy, and away off to the east, the sun in all his glory, peered over the hills, and sent his glorious rays over the snowy landscape, making it glisten and glow, and causing the tall, nude trees that stood in silent groups here and there to appear like so many sentinels on guard. As I went down the path from my home to engage in office duties, I felt that even the cold, bleak winter mornings have their attractions, for some winter birds chirruped in the Thorn hedge, a squirrel skipped from branch to branch in the big yellowing Willow, and a little rabbit made tracks in the snow by the Snow-ball clump in search of his morning meal. Even the barren nests in the thicket of Hawthorn gave pleasant recollections of the happy bird songs of the past, and inspired anticipations of the joy that will come with the longer days.

All the while the sun shone brightly, warming up the sheltered places in the farm yard where the chickens gathered to sing and crow and cackle; and the swelling buds of the old leaning Maple seemed to enjoy the brightness and warmth, and show gratitude by their increasing vigor, to the Great Giver of life and joy and beauty.

An old crow (perhaps it was Jim) called to his comrades from one of the tall forest trees that surround the frozen lake across the way, and the enthusiasm and energy he showed as he cried "Caw, Caw, Caw-aw, Caw-aw," seemed to indicate that he had something more than ordinary on hand. But I passed on, and thought no more about it until the noon-hour, when I returned home by the same path,

and then—oh, I wish you could all have been with me to see and hear! Old Jim had mustered his army, and was holding a big convention over by the lake. The great, branching trees were black with delegates, and they were not very orderly, either, for they were constantly changing places from branch to branch, and from tree to tree, and such a concert you never heard in your life. Every Crow seemed to be trying to make himself heard. It was a free concert, and the freedom of the participants was truly admirable. Everything seemed to pass off harmoniously. An hour later the convention was still in progress, and how long it continued I am unable to say; but I do know, that as the shades of evening began to gather there was silence around the lake. All the Crows had left for other parts.

It is true, dear boys and girls, that the Crow, the most common of our large birds, has some faults. He will sometimes rob the nests of other birds in the spring, and has even been known to come to the barn and carry off young chickens. He will also pull the farmer's Corn after planted, just as the sprouts are appearing above the ground. But after all, he is a most interesting and useful bird. With us he stays the year round and often enlivens the dreary winter days with his cheery "Caw, Caw." In the forests and orchards he makes a diligent search for any insects that may be lurking about the bark or branches, and thus destroys countless numbers of tree and plant



THE MILL-RACE PATH.

At right of the path is the race, spanned by the old Butter-nut Tree. Beyond, to the left is the Hawthorn thicket mentioned in the letter.

enemies. I have known farmers and gunners to destroy these birds ruthlessly, one because he considered them as pests, and the other simply for sport. This should not be. These birds have their mission in the economy of Nature. They were not brought here, but found their home among the forest trees, which they were designed to protect from the ravages of insects, while yet the red man occupied the land. It might be right to take the life of a Crow that makes a habit of robbing the nests of other birds, as some are known to have this bad habit, just as some cats have the habit of hunting and killing birds instead of



rats and mice. But we cannot carelessly destroy the Crows or other insect-eating birds without endangering the welfare of our forests and fields and gardens.

I shall always recall with pleasure the hours of youth-time spent on the home farm watching the Crows that nested in the big Hickory trees by the forest stream. Their nest is a crude affair built of coarse sticks high up in the forks of a tall tree. The old birds take as much interest in constructing their rude home as do the little song-birds that build carefully, and line their home with hair and down. And when the little Crows appear in the nest the joy is known by the excited "Caw, Caw," you hear, and the jealousy displayed when another bird comes near. At this time the worms and insects gathered and used to feed the baby Crows could hardly be estimated.



CROW.

And now, dear children, just notice the next Crow you hear or see. Listen to its queer note, the only one it utters in the wild state, although it is said that some species may be taught to imitate the human voice, as does the Parrot. Study its habits, its grace and beauty, its cunning and intelligence. It is an air-ship for itself that never fails in power or guidance, never becomes a wreck, unless wrecked by some cruel destroyer. It is a hardy, persevering, happy bird that is a lesson to us in hope and energy under trying hardships. Let us befriend it when it needs a friend, have regard for its life and welfare, and give it the pest-devouring credit that is its due. Our own interests will thus be promoted, and our greater happiness and pleasure secured.

As ever, your friend,

LaPark, Pa., Feb. 14, 1912. The Editor.

Note.—In "The Birds of North America," published under the auspices of the Natural Science Association of America, I find the following note, which may be of interest:

"The Crow becomes easily domesticated when captured young, and proves an interesting as well as mischievous pet. It learns to articulate sounds. Dr. Brewer mentions one that learned to play hide-and-seek with a family of children, invariably surpassing them in the game. Many amusing anecdotes are told of the Crow, and his place in mythological lore is quite as extensive as that of the Raven. It is claimed that he not only knows how to count as high as five, but also knows when Sunday arrives. But this latter accomplishment is confined to the Crow of the Old World, as some of our American sportsmen have about as much regard for Sunday as they have for the rights of the animal itself."

**Edging for a Sunny Bed.**—A good edging for a sunny bed or border is the Imperial Dwarf Ageratum, either blue or white. The plants spread and become a mass of bloom. Another annual that thrives in hot sunshine is the Dwarf French Marigold, double or single, the latter preferred. The plants grow six inches high, and are very free-blooming.

## A DECORATED TOWER.

FROM Mrs. S. J. Grafton, of Saline Co., Nebraska, the Editor received a photograph of a decorated windmill tower, together with the following explanatory note:

"Mr. Editor:—I herewith send you a picture of our windmill tower. The windmill towers of the West are not usually very ornamental, but ours is an exception, for I planted vines at the base and trained them as they grew until the unsightly framework is completely hidden, as indicated by the sketch. I used just the common Trumpet Creeper, *Bignonia (Tecoma) radicans*, planting one vine at the base of each corner."

The Trumpet Creeper grows quickly, and blooms throughout summer and autumn. When the leaves drop the long, slender weeping branches bear at their tips clusters of big seed-pods, which remain till spring, adding interest to the plant, and giving it an ornamental appearance even in winter.



**Moss Rose.**—Mrs. Smith, of New York, has a Moss Rose bush which develops buds every season, but they turn brown and drop off before opening. The bush should be removed to a place where it will have full exposure to the sun, and grow in a turfy, well-drained soil, enriched with well-rotted cow manure. Prune away all of the dead or sickly branches in the spring, and keep well cultivated until summer, then mulch with stable litter. A little quick lime mixed with the soil will be found beneficial. Spray the plants in early summer, to ward off insects and keep the foliage in a healthy condition. This is important as healthy, vigorous foliage always insures perfect development of the flowers.

**After Forcing.**—After Chinese and Bermuda Easter Lilies, Paper White and other Narcissus, also Hyacinths, have bloomed in the house, the pots can be put away in a cold cellar without removing the bulbs from the earth. Here let them remain until the latter part of October, when they can be bedded out in spring, setting them in sandy, porous soil, seven or eight inches deep. Some of these bulbs may recover their vitality sufficiently to bloom after a year or two, but, as a rule, they are not to be depended upon after blooming in the house.



## CARE OF ROSES.

**A**LMOST ANY of the Roses advertised as ever-blooming, can be successfully grown out-doors. South of Washington they are all hardy, but at the North, many of them will need protection, which can be given about Christmas by covering them with coal ashes, and then with a blanket of straw or manure, which must be removed in spring, or before warm weather comes. If the plants are tall and bushy, the tops can be contracted and tied with straw, so as to turn the water and keep out the severe cold. The soil for Roses should be rather sandy and well drained, and the bed should be in a sunny exposure. Set the plants out in spring, and give them good cultivation until hot weather comes, then mulch the bed with stable litter to keep the soil moist and cool during the hot months. The summer Roses should simply have the dead and sickly branches removed, and the everblooming should be cut back so as to encourage vigorous growth from the base of the



A ROSEBUD.

plant. Then, the summer Roses should again be pruned just after the flowers fade, cutting away the parts that have bloomed freely, to promote a vigorous new growth for the next season's blooming. The Everblooming Roses should be pruned from time to time during summer, cutting away the fading flowers, and even a portion of the branch or the branches that are inactive. This will encourage new sprouts to appear, upon which the buds and flowers develop.

One of the essential points in Rose culture is to spray the plants early in spring, and several times later so as to keep the foliage free from insects. Perhaps the best material that can be used is lime and sulphur solution in dilute form. Use just enough of the material to give a slight silvery tint to the foliage. This spraying seems to be effectual in warding off all insects and all fungus diseases. Its use will insure a healthy growth of the plants, and the perfect development of the buds and

flowers. It is one of the chief points in Rose culture at the present day. If neglected, Roses are often a failure.

For a fine display in a bed there is, as yet, nothing much better or perhaps any better than the old Pink Daily Rose, which blooms so freely and so continuously during the summer months; also, the old-fashioned Rose known as Fellenburg, the culture of which has almost been abandoned, but which is, nevertheless, one of the most satisfactory of Roses that the amateur can grow. It is superfluous to speak of the general list of Roses offered by florists at the present time. All are good and all are generally described by dealers.

**About Magnolias.**—*Magnolia acuminata*, a tree at the North known as Cucumber Tree, has Tulip-like blossoms, green and yellow in color, followed by long, rough fruits about the size of a small cucumber. In autumn these turn bright scarlet, and after frost they drop off. This is a hardy species, and can be grown safely at the North. It is a beautiful, symmetrical tree, with massive foliage. Several of the Japanese Magnolias are hardy as far north as New York City, and some of the more tender ones can be grown in protected places at the North. The large native southern Magnolia is hardy as far north as Pennsylvania. As a rule, Magnolias are hard to transplant, and nurserymen keep them in pots, so that the roots need not be disturbed in transplanting. The seeds germinate tardily, often requiring a year or more to start, even when sown before they are dried out. *Magnolia Soulangeana* is one of the most beautiful of the small, spring-flowering trees, and well repays a little effort to get it started.

**White Flies.**—These cause injury by laying their eggs upon the underside of the leaves. They are hard to destroy. If the plants are in pots, dip them in water a little hotter than the hand will bear, simply dipping them and drawing them out quickly several times. If a little kerosene emulsion is mixed with the water, it will be found more effectual. White flies are tenacious, because they fly quickly from the plant as soon as disturbed. If one had a little frame covered with mosquito netting, which could be instantly placed over the affected plants, then dust inside with Pyrethrum powder, it would be effectual, as the flies get away from the dust as soon as they recognize it, if there is no covering. If the eggs are destroyed, the flies will soon disappear. The method of dipping in hot water or syringing with hot water will be found the most effectual in getting rid of these flies.

**Genista.**—When a Genista plant becomes straggling in habit, it can be put into good shape by cutting back the branches. Do this in spring, just when the plants are brought from their winter quarters. At the same time shift into a larger pot, if necessary. The new growth will then be symmetrical, and the plant will be shapely.



HOYA CARNOSA.

THE FAIRY LILY.

**M**Y HOYA CARNOSA has at last condescended to bloom. I think all will agree that it was high time it should do so. Two slips were sent me in 1886. Both grew, but slowly, as I did not understand their needs very well. As they became larger, various accidents occurred—pots upset and broken, freezing in zero weather, along with other pets, broken trellises, etc. Once every stem was frozen at the top of the soil, by air coming in below the window sill. So they had to start new roots again. But no



FLOWER OF HOYA.

buds ever developed. When I came here, nearly ten years ago, I brought a small plant, having given the old one to a friend. But the little thing sulked, and put out just now and then a new leaf. Slips were taken once or twice that far outgrew the original

plant. At last I put it in a pint can, cheapest and best of plant receptacles for this country, and set it on an upper shelf in a south window upstairs. Here it continued for over two years, growing slowly, and finally had several stalks two feet long. In May, 1910, I took down the curtains when cleaning the room, to discover behind them a bunch of nine flowers already open, the first sign of bloom seen on it. They were so daintily pretty that I was delighted, and when the cleaning was finished the plant was replaced. Immediately after the flowers blackened and dropped, other buds, to the number of 16, pushed out, opening in June, and again, in August, 22 blossoms came out. Then it rested until May, 1911, though a second bunch of buds developed in early September. This season each of last year's blossom stems has had two bunches of bloom, though one was broken off by accident. But a third stem developed one crop of flowers, and the remaining two stems bid fair to continue to produce bloom. Is it common for the Hoya to produce more than one bunch of bloom from a stem in one season? I did not know it.

M. E. L.

Huerfano Co., Colo., 7000 feet elevation, Dec. 1, 1911.



LEAF OF HOYA.

**T**HIS BULBOUS plant, native of Florida and Louisiana, is frequently catalogued as *Amaryllis Treatea*, though mostly known in botany as *Zephyranthes Treatea*. It is a delicate, pure white flower that springs up in a night, without leaf. Incredible accounts are given of the suddenness with which a tract of wild ground will become a sheet of white, from the "fairy," the "rain," and the "fire" Lily. These are all local names. After every summer rain these lovely white lily-like blossoms, on a waxen stem, just one to a stem, come forth. Then, after a fire, regardless of rain or shine, they spring up, in full bloom. It is the custom in timberlands of Louisiana and Florida, to burn off the undergrowth in early spring, to give the grass and tender herbage free growth for the cattle. Before the grass or herbage starts, after a fire, this curious little bulbous plant will cover the ground with starry white flowers. I have observed that it blooms on pieces of ground free from thick bunches of grass, and from thickly matted roots of any kind of wild plants. The inference is, that the little bulbs, under culture should be planted in a border free from the roots of other plants.

G. T. D.

New Orleans, Louisiana.

[Note.—*Zephyranthes rosea*, often called *Amaryllis rosea*, is similar in flower and habit, but the color is a lovely, soft pink instead of white. It is one of the most beautiful and desirable of the *Zephyranthes*, and suitable for either pots or beds.—Ed.]

**Applying Fertilizers.**—Our Editor's oft-repeated caution against using strong fertilizers and plant-foods cannot be impressed too deeply. I find that a weak liquid manure given liberally once a week is best and safest for pot plants. As an exposition of this method, I have Abutilons that have been perfect bouquets of bloom all summer, and are as full of buds now as they can be; and the same can be said of Jasmine, Lantana and Hibiscus. My Ferns have grown wonderfully during the last two months, due to the liquid manure treatment, with a manure mulch on the surface. They have crowded the big buckets that hold them so full of fronds that I am at a loss to know how to manage them.

Muhlenberg Co., Ky.

N. Longest.

**Geraniums.**—If one wants a nice big bed of Geraniums and a good variety, just get some seeds and start them in January or February, and they will be blooming plants by summer time. Then, for an edging get seeds of Golden Tricolor, and start at the same time. My garden was just beautiful, started in this way.

Sister Clare.

Cumberland Co., Me., Nov. 29, 1911.

**Scabiosa.**—One seldom sees *Scabiosa* now, though our grandmothers used to raise it. It is so easily raised, and the flowers, borne on long stems, are beautiful for cutting.

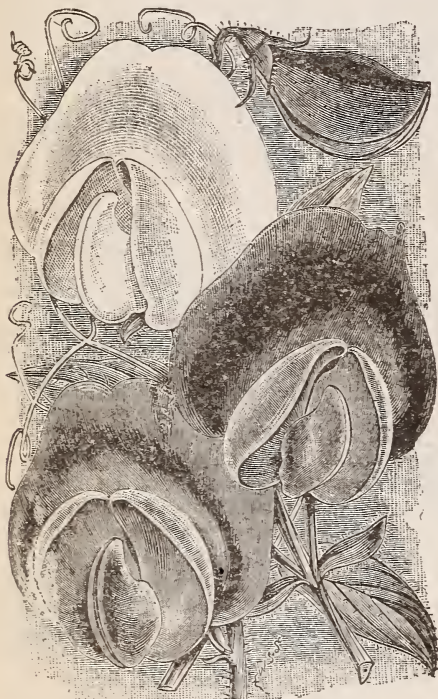
Mrs. C. E. Mann.

Boulder Co., Colo., Nov. 3, 1911.



## SWEET PEAS.

**T**HESE FLOWERS are easily grown, despite the fact that so many complain of failure. To grow them successfully you must have a rich porous soil, plant them in the right manner, and cultivate them. The seeds should be sown early in spring, the earlier the better. I find that in early March is a good time. Plant in rows from three to five feet apart, and the seeds about two or three inches apart, covering them with from one to three inches of soil. To grow the best and largest flowers, and lengthen the season of blooming, special treatment must be given. I usually sow them in early March, figuring on a long, cool spell of weather after sowing.



SWEET PEAS.

The object in this is to deter the top growth and throw the strength into root action, which goes on just the same. Remember that well and deeply rooted plants insure luxuriance, large flowers and a prolonged blooming season. Soil preparation is also an essential factor. The best way is to dig the soil about two feet deep, and incorporate with it old, rotted and pulverized manure, so that there will be no lumps of manure to burn the roots.

I usually plant them in a furrow or trench about six inches deep and a foot wide. This is partly filled in during cultivation, or may be utilized for liberal applications of water during drought. These trenches may be also used in applying stimulants as needed, such as weak manure water, or Nitrate of Soda, one ounce dissolved in a five-gallon bucket of water and applied to fifteen feet of row once every two weeks. If the trenches are gradually filled in, the vines will stand much bet-

ter, but they should be supported by brush or trellis, preferably the latter. Always cut the flowers freely, for, if they are allowed to form seedpods, the plants soon go out of bloom.

Chas. E. Cougill.

Lancaster Co., Pa., Feb. 12, 1812.

**Petunias.**—I would like to advise everybody who loves flowers to grow Petunias. The double ones are so showy and fragrant, and although they do not root quite as readily from cuttings as the single ones the work can be successfully done with a little care, placing the cuttings under a glass jar or a tumbler. Last summer I had four double ones in eight-inch pots, as I had no place to set them in the ground, and in spite of the drouth they were one mass of flowers all summer through. There were two double white ones, a double pink one, two little pink ones, and a fringed purple and white one that was the envy of all beholders.



DOUBLE PETUNIA.

Mrs. T. J. Nagle.

New London Co., Ct., Dec. 17, 1911.

**Keeping Plants from Frost.**—I suffered the loss of many window plants in winter until I overcame the difficulty in this way: I brought the old incubator into the house, gave it a fresh coat of paint, and took out the egg trays. On cold nights I open the ventilator shaft, and light the lamp, regulating until the mercury stood at 60°. Then I fill it with my plants. I have had no trouble since. The plants keep in healthy condition during the coldest weather, and at very slight expense.

Viola A. Weed.

Wallace Co., Kas., Dec. 26, 1911.

**Mrs. Parker Geranium.**—My plant of Mrs. Parker Geranium had deep green foliage, broadly margined white. But it was frosted last winter, and two sprouts appeared, one of which has yellowish green foliage with reddish zone. It reminds me of an Apricot tree Father planted, the top of which was broken off by the wind, and a shoot appeared from the base which bore peaches.

Mrs. L. Adkinson.

Cloud Co., Kas., Jan. 22, 1912.

**Crab Cactus.**—I have a fine Crab or Christmas Cactus seven years old. It is in a ten-gallon wash-tub. It measures ten feet and six inches around, and has now over 500 blossoms and buds on it. Mrs. H. R. Shanks.

Washington Co., Ill., Dec. 28, 1911.

**Mertensia.**—This wildling is so hardy and so lovely for early spring blooming. Do not forget it.

E. G. Strassberger.

Ozaukee Co., Wis., Jan. 16, 1912.



## CENTAUREA.

## THE POPPY AS A "FILLER IN."

**T**HE CENTAUREA is especially adapted to all climes. The Imperialis planted in August are evergreen through winter, and form an oasis in the snow. They make fine strong plants in spring, coming into bloom by the first of June. Being tall, they form a lovely hedge of snowy white, carmine, pink, purple, and deep sky blue flowers, blooming the entire season.

Centaurea Americana, the large Carnation-flowered ones, Rose colored, should be planted in August, too. The plants are so much stronger and better every way. All the varieties of Centaurea Minor should be treated as the Imperialis. They are much the same, but not so tall.

The queen of all the Centaureas is Queen Marguerite. Planted May 20th the plants soon form buds, and their large Carnation blooms of snowy whiteness and Almond fragrance last all the summer season, until cut down by hard frost. Centaurea Suavolens bears golden yellow flowers much the same, only different in color.

L. J. Lobaugh.

Delta Co., Colo.,  
Nov. 30, 1911.

### Planting Flower Seeds in Windows.

—Planting flower seeds in windows to hurry the season in this latitude is desirable with many plants. But just planting the seed is of no advantage, if proper care is not taken of the plants. Being wet one day and dry the next, and hot and cold in turn, is not very productive of healthy plants. For myself, I prefer deep dishes for seed-planting, rather than shallow ones, because they are not so liable to be over-watered, or to dry out, and the larger quantity of earth does not feel a chill as quickly as the smaller quantity. Sometimes I partly fill the box with coal ashes or moss, and put about two inches of earth on top. But the coal ashes are not so warm to the roots as a box containing all soil would be, though you will not be troubled with angle worms and other pests. The soil used must be what is called friable, especially if used on top of coal ashes.

Aunt Hope.

Wayne Co., Pa., Jan. 13, 1912.

**F**OR MANY REASONS the writer is a great friend of Poppies. They are so beautiful, reminding one of soft, silken wanderers from fairyland. True, they are very fleeting and fickle, but they come fresh and lovely every morning to greet you with their elfin beauty and refined showiness, great balls of shredded satin in a multitude of colors, gorgeous satin cups of exquisite workmanship and endless coloration, flaming coquettes, pink and white, fragile beauties, big, betassled old brigadiers in all their pomp and bluster, humble little red orderlies—they are all there in that out of the way corner

where nothing else will fit in just as well, a cosmopolitan crowd that will do something on almost any soil, and repay you in proportion as the soil is enriched, well prepared, and the planting carefully done. They are prime favorites of mine for all these reasons, and for the further reason that they were the indirect means that led up to my surrendering my life of selfish bachelorhood and becoming the husband of the prettiest, dearest girl on earth, and the father of two girls and two boys, who remind me very much of four Poppies themselves, the boys being the ragged "loud" type, and the girls those satiney big



CENTAUREA IMPERIALIS.

red ones, as seen in the Shirley Poppy.

I get the best results with Poppies by preparing my ground well, putting in a small allowance of well composted hen manure, spading deep, pulverizing well, and then sowing seeds of all the best sorts in mixture, and sowing broadcast, after mixing with about three times their bulk of sand. After sowing, rake lightly. If they come up too thick, thin out. Never let them form seed, but cut every day and you will prolong your blooming season. When I see a peculiarly odd one I tie a string around the plant and let it go to seed, putting the seed in with my mixture the next spring. Long live the Poppy, may his tribe increase.

A. V. Thompson.

Salt Lake City, Utah, Oct. 17, 1911.



## TELLING THE NEWS.

A crier is hurrying over the town—

Well, well, did you notice him pass?

He stopped in the apple tree, leafless and brown,

And said a few words to the grass;

Blue Violets lifted their buds at his feet,

And orchards grew snowy with bloom,

The Lilac bush waited a welcome sweet

From many a purple plume;

For the gay little crier just beat on his drum

And carried the tidings that springtime has come.

A Bluebird who heard gave a chirp to his mate,

And they sought the old box in the tree;

A squirrel left half-eaten nuts on his plate

And scampered out, glad to be free;

The brook got the news at the edge of the woods

And rollicked and leaped in its bed,

And Daffodils put on their fine yellow hoods,

And Trilliums bonnets of red;

Oh! they all knew the crier who beat on his drum

Was a bumblebee telling that springtime has come.

Florence Josephine Boyce.

Washington Co., Vt., Feb. 13, 1912.

## HARDY CHRYSANTHEMUMS.

**C**OMPARATIVELY few people cultivate and grow the hardy 'Mums, though they are really very desirable late-blooming hardy plants. They require rich soil,

and if the season is dry a plentiful watering once a week or less makes larger bloom. In most of the northern sections there is usually a frost of more or less severity just as the buds are beginning to open, followed by weeks of beautiful weather. If they are not planted in a sheltered position, drive stakes, and then cover at the appearance of frost. They will well repay one this slight trouble. Mine were fine until the first snow storm, and they winter well with just the broken tops thrown over them.

Wayne Co., Pa., Jan. 13, 1912. Aunt Hope.



**Passion Vine.**—Early in the spring of 1911, I sent for a plant of Passion Vine, and when received, I potted it in rich earth. Soon it began to grow, throwing out its pretty leaves with five points. It grew very thriftily. No insects seemed to trouble it. Soon it covered a trellis two feet wide and three feet high. Then I took it to the Geauga County Fair, where it received the second premium. Next year I will try for the first premium.

Geauga Co., Ohio, Nov. 16, 1911.



PASSION VINE.

## AN ASTER BED.

**W**HEN THE writer was still a bachelor at home he had a bed of Asters that was the admiration of all who saw them, and over which he became so "chesty" that he really thought he was a gen-



A BOWL OF ASTERS.

uine gardener. They were of all kinds and colors mixed, being the result of purchasing a packet of all the leading varieties in mixture and mixing these different seeds together. The bed was about ten feet wide by forty feet long, and had been well spaded, raked, fertilized with well-rotted barnyard and hen manure, and a good coating of wood ashes, all applied before spading, which was done in the fall. The next spring the bed was stirred over with a heavy rake, the seeds were planted very early, covered carefully, firmed down gently, and left till they attained sufficient size to cultivate, when they were thinned out and then cultivated until they had grown large enough to keep the weeds from interfering, when cultivation ceased, and weeds were removed only as they came into sight. This bed, from August till frost, was a blaze of glory. All the colors known to the Aster tribe were there in profusion, from pure white to the darkest reds and purples, and there were all sizes from little pompons up to big fellows as large as a small Pæony. The writer's company was much sought by his young lady friends, who never failed to remark on the beauty of the Aster bed, and what a good gardener he must be to be able to raise such nice flowers. Of course that was their way of asking for a bouquet, and who could resist such flattering appeals and lovely smiles. Well, they got all the Asters they wanted, the dear girls, and it is the fond wish of the writer that they all married as good men as they deserved, for they were nice girls and they *did* appreciate my Asters.

A. V. Thomson.

Salt Lake City, Utah, Oct. 17, 1911.



## FLORAL POETRY.

### LEGEND OF THE FUCHSIA.

Mr. Park:—Here is a legend of the Fuchsia which I have had for years and admired very much. Can anyone name the author?—Mrs. J. S. McCandless, Mich., Oct. 30, 1911.

A legend of this little flower  
I heard long years ago:  
'Tis this, that when upon the cross,  
The sinless Saviour died,  
And the soldier with his cruel spear,  
Had pierced His precious side,  
The holy drops flowed to His feet,  
Then fell upon the sod,  
Where Mary kneeled and wept for Him,  
Her son and yet her God!  
An angel who was hovering near,  
Thus breathed a prayer to Heaven:  
"Oh, Father, let them not be lost,  
These drops so freely given,  
But in some form of beauty still  
Let them remain on earth,  
And here upon this rugged hill  
Give some sweet floweret birth."  
Then forth from the ensanguined sod  
A Fuchsia sprang that morn,  
Rich crimson, dyed with Christian blood,  
Wrapped in His "robe of scorn."  
Drooping in sorrow, still it bows  
Ever its graceful head.  
Shivering in the slightest breeze,  
Trembling with fear and dread,  
For the dark shadow of the cross  
Can ne'er forgotten be,  
When all the perfume of its breath  
Was spent on Calvary.  
Yes, offering its rich fragrance there,  
As incense at His feet,  
The Fuchsia, though so beautiful,  
Can nevermore be sweet.

### TO A BLUEBIRD IN THE CITY.

Whither, thou of country lanes,  
Blooming orchards, greening fields?  
Dost thou bring me sweet refrains,  
And spice the zephyr yields?  
Is it this you came to do—  
Make my bondage seem the less?  
Bring a flock of Heaven's blue  
And thy note of cheer to bless?

Yea, thy mission is fulfilled;  
Thou hast told us of the wood,  
Where the golden Flickers build,  
Where the lowly Harebells stood.  
Bird of country ways, thy song  
Wakens memories of June,  
And the thousand joys that throng  
Where the Wood Thrush trills her tune.  
Rockingham Co., N. H. Charles Henry Chesley.

### AN EMPTY VASE.

Like to an empty vase that bides the time  
When flowers that winter, with his greedy hand,  
Plucked from the breast of autumn, shall return  
Once more to gladden every haunted nook,  
And fill the vase that hungers for their joy;  
So does my heart, like to an empty vase,  
Await that springtime when thy love shall wake  
From out the stupor of dread winter's spell,  
And breathing forth a hallowed fragrance sweet  
Shall fill my heart with blossoms of new love.  
Peoria Co., Ill. Geo. F. Paul.

### THE LITTLE RED SLIPPER.

A little red slipper, 'tis faded and old,  
And its stitches are crossed and broken,  
And it hangs like a picture whose story is told,  
Of memory only a token.

It was scarlet and gay in the days that are gone,  
When worn by a wee little maiden,  
At morn and at even, the slippers went on.  
As with kisses for all she was laden

And her big, hazel eyes, with mischief and glee,  
Would glint and sparkle and glisten,  
As she told of strange things their owner did see,  
And to her adventures we'd listen

And then at the window every night,  
She would hunt for the big star dippers.  
A quaint little figure in nightgown of white,  
And a pair of little red slippers.

Now the rooms and the stairway are silent and  
When comes the twilight creeping, (still,  
And over the valley, the lake and the hill,  
The stars their watches are keeping

The brown-eyed maiden has older grown,  
No more does she hunt for the dipper,  
And a mother's heart keep watch alone,  
Alone with the little red slipper.

Ah! me, 'tis well that the children grow,  
And cease to hunt for the dipper,  
But a mother's love they will never know,  
Till alone with a little red slipper.  
Valley Junction, Wis. Nellie Fiske Hackett.

### MEM'RIES OF CHILDHOOD.

The mem'ries of childhood, how precious to me.  
As oft in my dreamings their visions I see;  
I think of the days when the world was all fair,  
And long for those hours which were free from all care.

The old maple grove  
In which we would rove;  
In banks full of flowers  
We spent happy hours,  
And never a thought for the troubles of life;  
We knew not the world with its cares and its strife.

Return, happy days, to my sad heart once more:  
My heart with the troubles of life is made sore.  
I call, but no answer comes back from the past,  
I have naught but mem'ries to grant my request.

But mem'ries are sweet  
To tired, weary feet;  
And often I call  
For scenes on the wall  
Of my lone, weary heart, which bring peace and rest  
When I by the struggles of life am hard pressed.  
So. Lancaster, Mass. Harold Clark.

### OVERLAND.

Something exquisite came over the hill,  
A faint little, quaint little overland thrill,  
And I guessed just what it might be.  
That soft pearly note from far away  
Was the Bluebird's call that bright spring day,  
For the April symphony.

Something æsthetic swept over the hill,  
A mystical, magical overland thrill,  
And its message was ages old.  
'Twas the keen fresh odor that everywhere  
The earth sends forth on the springtime air,  
When stern winter releases his hold.

Ever a wonder comes over the hills  
And ever the marvel of springtime fills  
The soul with an ecstasy  
"The resurrection I am," they sing,  
Glad rivers, breezes, and birds a-wing.  
Spread the glorious prophecy.  
Litchfield Co., Conn. B. A. Hitchcock,



Illustrations by California's Jolly Old Bachelor.  
[California now has woman suffrage.]



Said Mr. Rooster to Mrs. Hen,  
"Why all this cackling noise?"  
"Why do you ape the ways of men,  
And those of shouting boys?"

"We're going to wear the spurs," she said.  
"Of laying eggs we're tired;  
Unless you put the chicks to bed  
You surely will be fired."

"Then we'll have an easy time," said he.  
"We'll eat, and strut, and play.  
While you will work and voters be,  
And cackle all the day."

Note.—I received last fall a fine lot of Hyacinth bulbs from our editor, and if you suffragettes will come around this spring I will show you a fine lot of bloomers, and you will see, as indicated in my picture below, the smile that never comes off



San Bernardino Co., California, Feb. 20, 1912.

**Fifth National Corn Exhibition.**—The Fifth National Corn Exhibition will be held in Columbia, S. C., Jan. 27 to Feb. 5, 1913. These exhibitions are always interesting to farmers, as the exhibits and demonstrations are along the line of farm industry. This exhibition in the South promises to surpass anything of the kind previously held, and those who are interested should write to the Secretary and General Manager, Mr. Geo. H. Stevenson, Columbia, S. C.



Scene in the Wild and Woolly West.

Dear Mr. Park:—I am trying to get a postal card view from every State. Who will exchange? Westfield, N. Y. Gladys Munn.

Dear Mr. Park:—I got up a club of ten subscribers for your Magazine last spring, and received one of the Swiss clocks, which I like very well. I am a great lover of flowers and animals. I have a pet pigeon and a pet pig, so you see I like pets as well as flowers. C. F.

Pemiscot Co., Mo., Oct. 9, 1911.

Dear Mr. Park:—We live on a farm in the prairie, three and one-half miles from town. We have horses, hogs, cows and chickens. We have some little white pigs, and several beautiful colts. Papa is going to take one of the colts to the Fair next week, and my two brothers and me with him. We are only going to see and not to be seen. We have plenty of birds in our orchard in springtime. This summer Mocking Birds made a nest about six feet from the ground, just over our playhouse in the yard, and hatched one baby bird. The old bird sometimes growled at us, but we didn't hurt her baby, and one day he flew away. Stella Ghormley.

Tahlequah, Okla., Sept. 20, 1911.

Dear Mr. Park:—We have twelve Canaries now and sold two lately. We have ten for sale. One will fight if you put your finger in the cage, and another is just learning to fight. He doesn't want anyone to come too close. He will get mad if you point your finger at him. He will bristle up his feathers and sing as loud as he can. We have a kitten and lots of doves. I am twelve years old. Mabel Pace.

Marlette, Mich., Nov. 15, 1911.

Dear Mr. Park:—I am a girl 9 years of age and live with my grandpa on a farm of 90 acres. He has three cows and two pet lambs, and I enjoy helping to feed them. He has a big dog named Rover who is very fond of me. My aunt takes your Magazine and I like to read your Children's Letters. I am fond of flowers and birds and I like to hear the Whippoorwills sing in the summertime. Postals exchanged. Doris Randall.

Coudersport, Pa., R. 2, Nov. 5, 1911.

Dear Mr. Park:—I am a little girl 10 years old and live in the country. I love flowers and birds, and go to school. I walk two and a half miles to school. I have lots of toys to be happy with. My father is a blacksmith and is very kind to me. Two Bluebirds built their nest in our barn last summer and raised some little Bluebirds. They were very cunning. I caught one that got out of the nest, but did not keep it, for I thought it would be cruel to take it away from its parents. The parents would feel badly because their little one was gone. I hate to see cats catch birds. My favorite bird is the Snowbird; there are lots of them around our place every winter. Margaret A. Meader.

Elbert Co., Colo., Nov. 25, 1911.

Dear Mr. Park:—We take your Magazine and like it. I have many flowers, and enjoy working with them. I have a Sweet Potato growing in a bucket, and it is quite thrifty. I had a Poppy this year that had 118 flowers on it. It grew tall and branched out, and the flowers were red. It was a volunteer plant which came up early in Spring. Some little birds are singing to me while I write. There are six in our family, and none of them use tobacco. Bessie Dodd.

Wayne Co., Tenn., June 22, 1911.



# CORRESPONDENCE.

**From Georgia.**—Dear Mr. Park:—I have just been enjoying our little Magazine as I never did before, for the medical advertisements have always been such a horror to me. Still I have felt that we were getting so much for so little, that it would be almost beggary to ask to have them excluded unless the subscription was raised, and that would undoubtedly reduce the circulation, which would not be desirable for several reasons. Now that we have the change I want to suggest a way to express our thanks (for I am sure that very many felt as I did about it) as words cannot do. It would be such a very little thing for each subscriber to send at least one gift subscription to some friend, or to get a new subscriber, if no more than one, and I am sure our editor would appreciate the effort which we would make. It would be such a very trifling thing for each individual subscriber that many might think it of no consequence, but if one stops to think what the aggregate would amount to, it would seem more worth while. As I think we should always "practice what we preach," I am sending one subscription with this, and will perhaps send more with my own renewal, that has been regularly sent for many years. Since I first saw the little Magazine I have been a constant reader. Now, who will be first? If everybody will try to get ahead of everybody else, something will surely be done, and you know a pleased editor is a good way to get good things in the Magazine. Is that not true, Mr. Park?

Adelina E. Barnes.

Carroll Co., Ga., Jan. 24, 1912.

[Note.—At this time I appreciate more than ever the favors of my many friends. In excluding the medical advertisements, I cut off at one whack an annual income of over \$40,000, and until this is replaced by something else the Magazine cannot be so large as it formerly was. I am pleased to know, however, that many, very many are now sending in subscriptions who felt timid about soliciting friends to subscribe while the medical advertisements were inserted, and it will not be long, I trust, till the better advertising will take the place of that excluded, and we shall have a bigger and much better Magazine, and a bigger subscription list. Shall we not all work together to that end?—Editor.]

**AMARYLLIS ROSEA** Five splendid bulbs, sure to bloom now in a pot. only 25 cents. **GEO. W. PARK, La Park, Pa.**

**20 "BIG VALUE" Post Cards.** Easter, hand-painted, gelatine, beaded, etc. Worth 50c. Catalogue. **HELENE MFG. CO., Perth Amboy, N. J.** **10c**

**LADIES** make supporters, \$12 per hundred; no canvassing; material furnished; stamped envelope for particulars. **WABASH SUPPLY CO., Dept. A 409, Chicago**

**\$2.50** per day paid one lady in each town to distribute free circulars and take orders for concentrated flavoring in tubes. Permanent position. **J. S. ZIEGLER, 446 Plymouth Street, Chicago**

**1450 QUILT** Sofa and Pincushion **DIAGRAMS**—12th Revised Edition. Many quaint, queer, curious, original; also crazy stitches; our Sup. Catalogue of latest fancy work designs and Perforated Patterns. All for 10c, club of 12 for \$1.00. **LADIES' ART CO., Block 3, St. Louis, Mo.**

**MONEY FOR OLD FALSE TEETH** Mail me old artificial teeth; I send you immediately three cents cash for each tooth received. **A. U. WOODFORD,** Postoffice Box 105, Elizabeth, N. J.

**How to Entertain** Book with 250 Jokes and Riddles, 73 Toasts, 67 Parlor Tricks, 8 Fortune-telling Secrets, 52 Money-Making Secrets, 22 Funny Readings. All 10c Postpaid. **J. C. DORN, 709 S. Dearborn St., Dept. 22, Chicago, Ill.**

**Grow Mushrooms** For Big and Quick Profits. Ten years experience enables me to give practical instructions that will add \$5 to \$60 per week to your income without interfering with regular occupation. For full particulars and free book, address **JACKSON MUSHROOM FARM, 4223 N. Western Ave., Chicago, Ills.**

# Gloxinias and Begonias.

I have a fine lot of Tuberous-rooted Gloxinias and Begonias just imported from Belgium, and offer them as follows:

**Gloxinias,** White, Red, Blue, Spotted, Scarlet with White border, and Blue with White border. Price 8 cents each, or the six tubers 35 cents.

**Begonias,** Double, White, Scarlet, Crimson, Salmon, Rose and Yellow, 5 cents each, or the six tubers for 25 cents.

**Begonia Crispa,** Single, White, Salmon, Rose, Crimson and Yellow, 6 cents each, or the five tubers for 25 cents.

**GEO. W. PARK, La Park, Pa.**



M. M. Johnson

# JOHNSON'S Got Another Big Book For You

**Famous Old Trusty** Johnson is satisfied with a profit of only 70 cents on his incubator because over 100,000 are demanded every year. His new big book for 1912 tells how he has started five times as many successful chicken raisers as anybody else. Over 200 pages and hundreds of new photographs showing actual experiences with

# Old Trusty

**Comes All Ready to Hatch With**

**On 40, 60 or 90 Days' Trial**

**10-Year Guarantee**

**Under \$10 NOW**

**Johnson Pays Freight East of Rockies**

Let the simple, plain poultry sermons in Johnson's book make more money for you whether you buy of him or not. But why pay two prices. You'll find the real facts about incubator values and prices in this book. Get it first and then decide. Write a postal with your name and address to

**M. M. JOHNSON** Incubator Man Clay Center, - Neb.

The Place Where Most Incubators Come From. The Largest Incubator Factory in the World.

**JOHNSON** says to tell you that 325,000 satisfied customers prove the superiority of "OLD TRUSTY" Incubators.

—Made exactly alike—guaranteeing biggest average hatches.

—All told in Johnson's Big Book.

—Send your name today.







**FINE SILK REMNANTS!**  
We will sell you a **Large** package of beautiful silk remnants, bright colors, big pieces, for all kinds of crazy patchwork for 15c or 2 pcks. for 25c. We will send a beautiful **SWASTIKA** pin FREE with each 25c order. Embroidery silk, assorted colors, 32 skeins 25c.  
**WESTERN SILK CO., 342 W. 7th St., Topeka, Kan.**



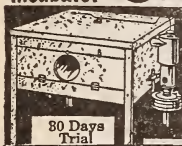
## HENS LAY AND PAY BY THE PHILO SYSTEM

**FREE** Booklet by E. W. Philo, entitled "A Little Poultry and a Living." Or New 96-page book, "Making Poultry Pay," 10c. Both books and the new enlarged edition of the Philo System text-book, \$1.00, or all three books with our monthly magazine, Poultry Review, one year, \$1.50  
**E. R. PHILO, 92 North Ave., Elmira, N. Y.**

**140  
EGG  
Incubator**

**"Chicago"**

**140  
CHICK  
BROODER**



Both complete with all fixtures, Incubator has 3 walls--asbestos, lumber, galvanized iron. Nursery, copper tanks, self regulating. Sold under guarantee that makes you safe. Order direct or send for Free Catalog. (2)  
**Chicago Incubator Co.**  
Dpt. 2 80 Old Colony Bldg. Chicago

**Both  
\$9**

## Does a Washing Just Like Play!

**Six Minutes to Wash a Tubful!**

Ladies, just see how easy I do a big washing with my 1900 Gravity Washer. I start the tub a-whirling. Then the gravity device under the tub begins to help and the rest is just like play. Washes a tubful in six minutes! How's that for quick and easy work? The 1900 Washer Co. sent me this marvelous machine on trial. They didn't ask for notes or cash in advance. And they let me pay for it a little each week out of the money it saved me! They treat everybody the same way.



## You Can Have One Shipped Free

on 30 days' trial, the same as I got mine. The company will let you pay for it on the same easy terms they offered me. The Washer will actually pay for itself in a very short time. Mine did! I wouldn't take \$100 cash for my 1900 Gravity Washer if I couldn't get another just like it. It does beautiful work--handles anything from heavy blankets to daintiest laces. Every housewife who is tired of being a drudge and slave to the washtub should write to the 1900 Washer Co., 592 Court St., Binghamton, N.Y., for their beautiful Washer Book and generous offer of a Washer on free trial. **MRS. R. H. FREDERICK**



**EXTENSION  
BRACELET FREE**  
This handsome Gold Bracelet, set with sparkling Amethyst given for selling 20 NEW MOTTO PICTURES 10c each. We trust you. Write for 20 pictures.  
**GEM ART COMPANY**  
Dept. 243, Battie Creek, Mich.



## SIMPLEX SPRAYERS.

A New Patented Sprayer different from others. Only one keeping up a high pressure, liquid always agitated. **No stopping to pump, done while you spray.** Recommended by experiment stations. Once tried will use no other. Easiest to operate, durable, saves time, labor and money; non-clog. For trees, potatoes, gardens, white-washing, painting, etc. Lowest prices. Send for Spraying Guide.  
**SIMPLEX MFG. Co., Box 904, St. Peter, Minn.**



**LOW PRICES** for this handsome **FENCE**  
100 other styles. Many cheaper than wood--all better. For Lawns, Churches, Parks, etc. Write for Pattern Book and special offer.  
**THE WARD FENCE CO., Box 907 DECATUR, IND.**

## 25 Rich Easter Cards for 10c



All different; everyone richly colored; some worth up to 5c each. Every kind of Easter design, such as Easter Chickens, Rabbits, Children, Flowers, Crosses, Angels, etc., every card with an Easter Greeting on it. The best lot of Easter Cards ever offered. Biggest and Best Easter Catalogue sent free.  
**ELLIS ART CO., DEPT. 326 538 LAWNDALE AVE., CHICAGO, ILL.**

## Paint Without Oil

**Remarkable Discovery That Cuts  
Down the Cost of Paint Seventy-  
Five Per Cent.**

**A Free Trial Package is Mailed to Everyone  
Who Writes.**

A. L. Rice, a prominent manufacturer of Adams, N. Y., has discovered a process of making a new kind of paint without the use of oil. He calls it Powderpaint. It comes in the form of a dry powder and all that is required is cold water to make a paint weather proof, fire proof and as durable as oil paint. It adheres to any surface, wood, stone or brick, spreads and looks like oil paint and costs about one-fourth as much.

Write to Mr. A. L. Rice, Manufr., 6 North St., Adams, N. Y., and he will send you a free trial package, also color card and full information showing you how you can save a good many dollars. Write today.



## THE LAND OF DREAMS.

There is a land not far away,  
And with me you'll agree,  
Where every chick both great and small  
At nighttime you can see.

Now don't pretend, little boy, little girl,  
This land you do not know,  
For every child at nighttime  
To this very land will go.

He'll don his gown so pure and white,  
Made by his mother's hand,  
And quickly climb the golden stairs  
To this very self-same land.

Do you know its name, little boy, little girl?  
Very strange to me it seems,  
For tonight you'll climb the golden stairs  
To this beautiful land of "Dreams."

Winifred S. Rackley.

Sagadahoc Co., Me., Nov. 16, 1911.

## QUESTIONS.

**Double-Leaved Geranium.**—Mr. Park: I have a seedling Geranium that has double leaves. I have had it two years, but it has not bloomed. When will it bloom, and is it common?—Miss Anna Turner, Mass., Dec. 27, 1911.

**Star of Bethlehem.**—Who can tell us about a star-shaped flower known as the Star of Bethlehem? It is an old-fashioned annual, flowers the size of a nickle, of the brightest blue. It is a low-growing plant, seeds quite large, black with white ends.—Mrs. Wharton, Maine, Feb. 6, 1912.

**5 EASTER POST CARDS FREE**  
gold and silver, embossed, beautifully colored, Lilies, Crosses, etc. Send 2c for postage and offer. Chas. Morris, Dept. 30, 136 Adams, Chicago

**WE PAY \$80 A MONTH SALARY**  
and furnish rig and all expenses to introduce our guaranteed stock and poultry powders; money-back guarantee; outfit free; new plan; steady work. Address BIGLER CO. 7364. SPRINGFIELD, ILLINOIS



**Fish Bite** like hungry wolves and keep you busy if you use **Magic-Fish-Lure**. Best bait known for attracting all kinds of fish. 25cts. a box. Write for free booklet and my special offer of one box to help introduce it. J. F. Gregory, Dept. 46, St. Louis, Mo

## AGENTS! BIG PROFITS



The only stropper that strops the razor diagonally. Guaranteed for life. M.B. BRANDT

BRANDT's patented Automatic Razor Strop. Automatically puts a perfect edge on any razor, OLD style or SAFETY. Big seller. Every man wants one. Write quick for terms, prices, territory. CUTLERY CO., 84 W. Broadway, N. Y.



## IRON WITHOUT A FIRE

New, easy, pleasant way. Mrs. Larkins, Mich. writes, "Have ironed 5 years with perfect satisfaction." Mrs. Timm, O. says, "Couldn't think of ironing without it."

**Improved Monitor Sad Iron.**  
Self-Heating. Not Sold in Stores.

Strong, light, handsome—durable. Easy to operate; heat regulated instantly; no dirt—no odor. **WANTED—AGENTS, SALESMEN, MANAGERS.** \$10. to \$20.00 a day. No experience required. Sells almost on sight. Martin, Tenn., Ill., writes: "Sold 12 in 10 hours. Mrs. Nixon, Vt., made \$14.00 in half day. Send for big, colored circular, full size and interior view of iron. Exclusive selling rights—no charge for territory. Monitor Sad Iron Co. 86 Wayne St. Big Prairie, O.



5000 Prizes

Miss Emma Williams and her Pony

## Shetland Ponies FREE



This is "COLONEL JOE"

Do you want a Pony like this one? I gave this pony free to Miss Williams. See her smile! See how pleased she is! Wouldn't you be pleased, too? Well here is your chance. The best you'll ever have. I'll give you one too—Pony, Wagon, Saddle, Bridle, and the Whole Outfit.

## To Boys To Girls

The ponies I give away are all young and beautiful. Broken perfectly so any child may ride or drive them. They are real little pets that's what they are. Some of them have been taught to do tricks just like they do at a circus. The carriages, saddles and bridles are the best that money can buy. The very highest quality and the prettiest. I wish you were here to see them.

## Send Me Your Name Today

I'll give you money to help keep the pony! My plan is new, original and easy. My plan is to allow you "Pony Votes;" (I give you 1000 votes for answering this advertisement) the one who gets enough votes gets a pony, carriage, harness, saddle and bridle and cash, all free. I even pay the shipping charges so as not to cost you a penny. The votes are easy to get. My plan will do that. I'll show you how to get a pony, just as sure as the sun shines. My plan is entirely different from all others. The answering of this advertisement may be the means of your getting a pony outfit free. Will you do it? Do so and see what I have to say to you

A postal will do. Address,

**Matt Young, Pony Man, 147 W. Ohio St., Chicago, Ill.**



**POST CARDS** five for 2 cts. to introduce offer.  
CHAS. MORRIS, 157 W. Adams St., Chicago

## 1912 ART CALENDAR FREE

I will send a handsome 1912 wall calendar in 8 colors and gold, and a big assortment of Easter and other post card novelties for 4c postage if you say you will show the cards I send to 4 of your friends.  
D. A. Fogelsanger, 233 So. 5th St., Philadelphia, Pa.



**69.00** for a 1000 gallon tank with conical roof, and a 20-foot Four Post Steel Tower. Tower with a substantial steel ladder from base to top of Tank. Guaranteed for five years. The "NOWETO" 2 H. P. water cooled Gasoline Engine for \$49. Pumps and any other equipment for water works. Write for our circular "BC," showing the different types of water works equipment.

THE BALTIMORE CO., - Baltimore, Md

**\$8!**  
*a Day, and Nobby*  
**Merchant Tailored Suit**



**It's a Cinch!** You are a live young man, and I want you to get these stylish clothes free and \$8 a day besides. A man nowadays is surely judged by his appearance. You know this. This is a wonderful opportunity. You owe it to yourself to learn every detail. No experience necessary. Not a cent of money.

### Thousands of Our Agents Are Making Big Money!

We make no extravagant promises, but we guarantee every one of our agents our full support and assistance in every way. We furnish advertising matter, names, samples, materials, blanks—everything necessary or desired by our agent, without a cent of money from you. We help you make money, for it is easier to sell our goods than those of any other house—not only because we help you, but by giving you a suit of our merchant tailored clothes we give you the best advertising in the world.

### No Other Clothes Fit Like Ours No Other Clothes As Low Priced

We sell our clothes cheaper than any other tailoring house in America—we give you the same suit at less money or a better suit at the same money than any other house. We guarantee this. Suits, \$8 up.

We operate our own tailior shops—other firms have their work done for them—that increases cost. We buy enormous quantities of woolsens—get wholesale prices; other concerns buy by the piece and pay 20 per cent more for material alone. Every garment must please you and your customer. If it falls short in any way—if not the biggest value at lowest price—send it right straight back to us.

### What We Give You FREE

We give you the finest, most complete outfit possible (only a firm of our size could furnish it)—handsome portfolio of actual samples of fine woolsens, one you can be proud to show—fashion plates showing models of latest styles to be worn in New York and London—tape measure, charts, and improved, accurate, exact measuring blanks, list of confidential costs and discounts, stationery, order blanks, complete and all FREE. Express prepaid.

Sit down now and write for details of how you can make all this money—no matter what else you are doing you owe it to yourself to investigate this wonderful money-making proposition. A postal will do.

Knickerbocker Tailoring Co. 1909 S Halsted St., Chicago

### A MEMORY SCENE.

My childhood's home is a memory scene  
That remains for me while the home has changed;  
I recall the stream and the meadow green,  
The wood and the hills where the cattle ranged.

Helen E. Starr.

Chautauqua Co. N. Y., Feb. 13, 1912.

**DAHLIAS** Finest grown \$1.00 per dozen.  
Catalogue for asking.  
W. H. HARVEY, 231 Old Frederick Road, Baltimore, Md.



### STRAWBERRY PLANTS

Any quantity; 120 acres, 103 varieties. Also full line other small fruit plants and shrubbery. Lowest prices for quality stock, true to name. Write today for FREE catalog. W. F. ALLEN, 122 Market Street, Salisbury, Md.



### Summer & Fall Bearing STRAWBERRY PLANTS

We are large breeders and our plants bear loads of luscious berries from July until winter. ONE PLANT FREE for testing, or send 10c for mailing expense and get a pair of fine MALE and FEMALE plants. Write to-day.

THE GARDNER NURSERY COMPANY  
Box 815, Osage, Iowa

### 6 "Sure To Bloom" ROSES 25c



A strong plant of the wonderful prize-winning golden yellow rose

### Blumenschmidt

and these five: Bessie Brown, creamy white; Helen Gould, rosy crimson; Barbant, deep rose pink; Papa Gontier, deep crimson, and the famous Blue Rambler. The entire six for only 25c. We pay all charges and guarantee safe arrival

### Special Bargain Offers

- 6 Assorted Verbenas.....25c.
- 6 Choice Basket Vines.....25c.
- 6 Selected Geraniums.....25c.
- 6 Splendid Carnations.....25c.
- 6 Best Chrysanthemums.....25c.

Any collection, 25c; any 5 collections (30 plants), \$1.00.

**FREE** Our 1912 catalog, containing many similar bargains. Write for a copy today.

SCHMIDT & BOTLEY, Box 407 Springfield, Ohio

### 6 Hardy Everblooming ROSES Postpaid For Only 25c

### All Sure to Bloom and Bloom All Summer

Clothilde Soupert, delicately variegated  
My Maryland, handsome salmon-pink.  
White Cochet, magnificent pure white.  
Marchal Niel, a deep yellow.  
La France, beautiful rosy pink.  
Red La France, a rich crimson.

### Our 25c Collections

- 6 Chrysanthemums.....25c
- 6 Fuchsias.....25c
- 6 Carnations.....25c
- 6 Geraniums.....25c
- 6 Coleus.....25c
- 6 Petunias.....25c
- 6 Tuberoses.....25c
- 12 Gladioli.....25c
- 12 Pansies.....25c

Any 5 collections for \$1.00; the 10 collections, including the six Roses,

72 Plants for \$2.00

We pay postage and guarantee safe arrival  
Our 1912 catalog, Floral Gems, showing over 100 flowers in natural colors, sent **FREE**  
McGregor Bros. Co., Box 540 Springfield, O.



## QUESTIONS AND ANSWERS.

**Cedar.**—Mr. Park:—I have a Cedar in my yard, and would like to start some plants from it. Will it grow from cuttings, or how is it propagated?—H. Van S., Ohio, Jan. 1, 1912.

Ans.—The Cedar is propagated from seeds, which are sown as soon as ripe. The seedlings should be shaded from the hot sun during summer until they get well established.

**Mr. Park:**—I am sending you a leaf of Mimulus that is diseased. Please tell me what the trouble is, and what to do for it.—B. J. Baker, Nebr., Dec. 26, 1911.

Ans.—The leaf is troubled with a little mite known as Red Spider. It is so small that it scarcely can be seen with the naked eye, and a microscope is generally used to determine its presence, although the leaves affected by it usually turn brown and even curl and die. This pest is never troublesome where the atmosphere is moist, but it is rather hard to eradicate it when it gets a foothold. Where the leaves are badly infested, it is well to cut them off and burn them, then spray with kerosene emulsion made with soapsuds and thoroughly diluted with water. Spray upon the underside of the leaves, as that is where the pest does its work. When the plants are freed from the pest syringe them twice a week with clear water, to prevent further attacks.

**Tiny Insects.**—Mr. Park:—What will destroy insects resembling chicken lice more than anything else, which get into the soil in which my plants are potted?—Mrs. Rye, Kas., Jan. 27, 1912.

Ans.—Let the soil become almost dry, then apply lime water a little hotter than the hand will bear, until it runs freely through the drainage hole.

**Calla Pest.**—Mr. Park:—I have several Calla Lilies that are troubled with green lice or small bugs. How can I get rid of them?—Mrs. Cartwright, Oregon, Jan. 26, 1912.

Ans.—Dip the plants several times in soap suds a little hotter than the hand will bear, but not scalding. Do not hold the plants in it, but simply dip and draw out as quickly as possible. Do this at intervals of two or three days, until the pest disappears.

## Anyone Can Enjoy This Delightful Turkish Bath Right At Home--Cost 2 Cents

Every Benefit, Every Luxury of Vapor Bathing Within Reach of All—The "Robinson" Thermal Bath Cabinet Going Into Countless Homes

YOU no longer need to go to an expensive hotel or public Turkish Bath when you want to get a fine hot vapor bath, rid the pores of accumulated waste and feel fresh and fit instead of dull and "stale." Just get a "Robinson" Thermal Bath Cabinet. A bath takes only 15 minutes of your time and will cost you only 2 cents. This is only a ridiculously small expense as compared with what you have to pay for ordinary Turkish Baths. This "Robinson" bath is fully equal in all respects to any Turkish Bath and far more convenient. Pursued systematically, this home cabinet bath will accomplish wonders in the treatment of La Grippe, Fever, Hard Colds and Rheumatism. Beware of imitations.

**OUR \$2.00 BOOK SENT FREE.**—"The Philosophy of Health and Beauty." Write for your FREE COPY today. AGENTS \$25 to \$50 weekly.

Any man or woman can easily make big money in this pleasant occupation. Hundreds are doing it. Orders waiting everywhere. Everyone wants this great cabinet. Liberal pay to you. Your opportunity. Write today.

Robinson Mfg. Company  
221 Robinson Building  
Toledo, Ohio

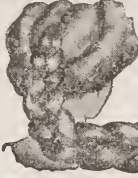


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\$2 Hair Switch Sent on Approval. Choice of Natural wavy or straight hair. Send a lock of your hair, and I will mail a 22 inch short stem fine human hair switch to match.



If you find it a big bargain remit \$2 in ten days, or sell it and GET YOUR SWITCH FREE. Extra shades a little more. Inclose 5c postage.

Free beauty book showing latest style of hair dressing—also high grade switches, pompadours, wigs, puffs, etc. Women wanted to sell my hair goods. ANNA AYERS, Dept. A-450

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THOMAS MFG. COMPANY  
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**THIS \$1.25 EMBROIDERY WAIST 79¢**

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No. 211. This rich lace and embroidery trimmed waist, made of fine quality sheer white lawn: Neatly pin tucked yoke; attached collar pin tucked and edged with Val. lace to match cuffs, length sleeves; back trimmed with clusters of fine tucks. Buttons invisibly in the back. Sizes 32 to 44 inches bust measure.

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If upon receipt of the waist you do not find it worth at least \$1.25, send it right back and we will promptly refund your money, also postage.

Our reason for advertising this beautiful waist at 79c, postage paid, is to show every reader of this magazine, one of the wonderful bargains we offer and interest them in our

**FREE CATALOG** of New Spring Styles of everything to wear for Men, Women and Children at a saving of 25% to 50%.

Ref. Continental & Comm'l Nat'l Bank. Capital \$20,000,000

**CHICAGO MAIL ORDER CO.**  
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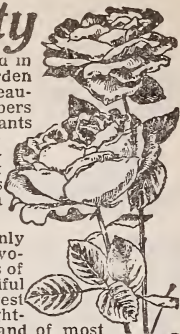
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The world renowned rose, famed in story, poetry and song. No rose garden is complete without American Beauties. We have grown immense numbers of large, strong, two-year-old plants ready to bloom this year, of these five great Roses—American Beauty, White American Beauty, Black Beauty, Pink Beauty and Moss Beauty, and we are making a special bargain of them.

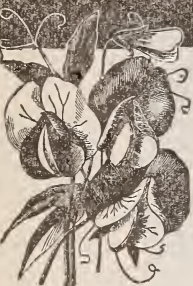


**5** Big, strong  
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**\$1.18**  
Smaller plants  
of the above 5  
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Think of it, only  
\$1.18 for five two-  
year-old plants of  
the most beautiful  
roses, the largest  
blossoms, delight-  
fully fragrant and of most  
velvety substance; the ideal roses  
for summer or winter blooming.  
Write today for free catalog.

**IOWA SEED CO.**  
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## 50¢ Worth of Flower SEEDS Given Away



- 1 Pkt. Sweet Peas, Finest Mixed.
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We will mail on receipt of 10c  
these 10 pkts. of choice seeds,  
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makes the seeds..... **FREE**

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The greatest catalogue of the season. Every flower lover  
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10c rebate envelope and our Great Special Bargain Catalogue.

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## A WOMAN FLORIST

**6 Hardy Everblooming  
Roses 25c**  
On their own roots.  
ALL WILL BLOOM  
THIS SUMMER

Sent to any address post-paid;  
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Antoine Rivoire, Delicate Blush  
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- 6 Carnations, the "Divine  
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- 6 Beautiful Coleus, - - - 25c.
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200 varieties. Also Grapes, Small Fruits, etc. Best rooted stock. Genuine, cheap. 2 sample currents mailed for 10c. Catalog free. LEWIS ROESCH & SON, Box 3, Fredonia, N. Y.

### SEND ME 10 CENTS

If you will send me the addresses of two of your flower-loving friends, I will send you my bargain collection of Spencer Sweet Peas, Giant Orchids, flowering type, Nasturtiums, dwarf chameleon mixed, Royal Show Pansies, Asters, finest mixed; also 30 seeds of the

**GIANT MARGUERITE CARNATION**  
which blooms in 4 months from sowing; also Free, "Flower Culture" and my descriptive 1912 catalog containing 48 pages. Write today, enclosing 10 cents. MISS C. H. LIPPINCOTT, Pioneer Seedswoman, Dept. 30 HUDSON, WIS. (1 hour's ride from Minneapolis)



## SWEET PEAS

20 Packets, Value \$1.00; to Test, only 10 cents

20 packets, 20 best large flowering varieties, as follows:  
Shasta, best white; Stella Morse, best yellow; Katherine Tracy, light pink; Janet Scott, grand pink; John Ingham, wared rose; King Edward, dazzling scarlet; Miss Wilnot, lovely orange; Earliest of All, pink & white; Lottie Eckford, edged; Black Michael, darkest; Horace Wright, claret-maroon; Aurora, striped; New Countess, exquisite lavender; Lord Nelson, purple; Navy Blue, grand blue; Countess Spencer Hybrids, grand orchid flowering; California Giants, 188 grand sorts, mixed; Double Sorts, mixed; Unwin Hybrids, wared giants mixed; Eckford's Hybrids, fine mixed. We will mail one packet each of above 20 sorts for 10c, and enclose catalogue and check for 10 cts worth free. Customers say our Sweet Peas beat all others.

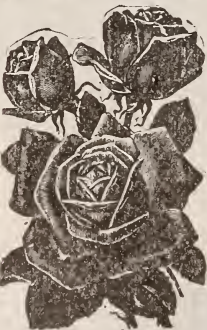
**DEPOSIT SEED CO., DEPOSIT, N. Y.**

25 packets Best Vegetable and Flower Seed to Test, 10c

## 6 Glorious Roses

MAILED POSTPAID FOR—**25c**  
ALL WILL BLOOM THIS SUMMER  
Hardy, Everblooming, Guaranteed True to Name

### BARGAIN OFFER



CAROLINE TESTOUT—Glorious pink. PAULA—Golden yellow. RHEA REID—Crimson. LADY URSULA—Flesh pink. KAISERIN AUGUSTA VICTORIA—Best white. CLIMBING BABY RAMBLER—Blooms from spring until frost.

Order today—You will get the finest roses ever offered.

### DAHLIAS

COUNTRESS OF LANSDALE—Deep rosy salmon. FLORADORA—Deep crimson. QUEEN VICTORIA—Yellow. MATCHLESS—Scarlet. SYLVIA—Pink. STORM KING—Snow white.

Dahlias are the coming flower and used for all occasions. One tuber, any variety, 15 cents. Any 3 for 40 cts. (The 6 for 75 cts. postpaid.)

### DAHLIA SEED

New Century, Cactus, Black, Striped, Double, Single, all colors. For 10c will send 50 seeds—enough for a fine Dahlia Garden. Catalog FREE.

**MISS JESSIE M GOOD**

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# SEEDS OF ALL THESE VEGETABLES GIVEN AWAY FOR TESTING

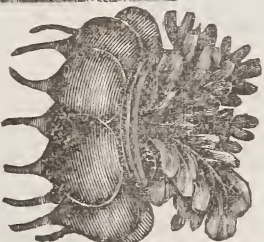
WE want every reader of this paper who has a garden to TEST these 6 splendid new vegetables. We know they will give such wonderful results that they will make thousands of new customers for us, and all we ask is for you to send your address at once plainly written on a Postal Card and we will mail you these 6 sample packets absolutely FREE for testing.



**Giant Climbing Tomato**—Most wonderful tomato to grow. Grows 12 to 20 feet. Fruits very large, 8 lbs., each, very smooth and solid, fair seeds, handsome red color.



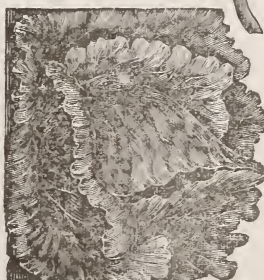
**12 Day Lettuce**—After once trying this variety you will say it is the quickest grower on record, always very tender, crisp and sweet.



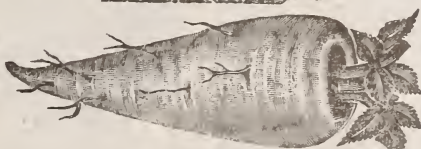
**15 Day Radish**—A wonder for quick growth. Will produce radishes fit to use in 15 days. Is very crisp and tender, scarlet color.



**Fancy Pickles**—Here is a cucumber to be proud of. It is a marvel of beauty, grows very quick and just right size for pickling. You should grow this excellent variety.



**60 Day Cabbage**—Quickest growing cabbage in the world. Heads quick, very solid and splendid quality. Try it and you will say it is a wonder.



**Sugar Parsnip**—Very best variety for home garden. Heads large, very smooth, clean and of excellent quality.

Remember we will send a **Sample Packet** of all these 6 varieties of SEEDS absolutely FREE to every reader of this paper who has a garden and will test them. Several dollars worth of vegetables can be grown from this lot of seeds. Write your name and address plainly on a Postal Card and it will bring them. *Do it today before all the sample lots are taken.* Our 1912 CATALOGUE of Vegetable and Flower Seeds, Plants, and Rare Fruits with our Special Bargain List with Color Plates, will be sent FREE with every lot.

Address—MILLS SEED HOUSE, Dept. 21, ROSE HILL, N. Y.



**FLOWER POST CARDS FREE** Five of our prettiest cards all different, beautiful rich colored Forget-me-nots, Violets, Roses, Pansies, etc. Send 2c stamp for postage. W. H. Gates, 814 Jackson St., Topeka, Kan.

## SWEET PEAS



**Buckbee's Giant Spencer Orchid Flowered Wavy Petaled Sweet Peas**

**For 10c** I will send 5 separate, full-size packages, which in dainty, harmonious coloring are simply exquisite. My new **FREE** Book of Buckbee's "Full of Life" Seeds, Plants, Bulbs, 160 pages, 800 Illustrations, 28 in colors. Most complete Garden & Farm Guide issued. Big Money Saver. Get a copy. Don't wait. Send for yours today.

H. W. Buckbee, Rockford Seed Farms,  
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## Strawberry Bargain



You know that Strawberries must be renewed every two or three years or you get no fruit. When plants have borne two crops they deteriorate and are not profitable. We grow young plants, plants of both staminate (male) and pistillate (female) flowers to get the largest possible crop of fruit. In order to help you have a

successful home strawberry bed we have prepared a special collection of varieties and offer you **100 plants for 97c**, consisting of 25 Bederwood, 25 Bubach, 25 Senator Dunlap and 25 Warfield. All proven sorts of hardiness, vigor, quality and cropping excellence suitable to grow together and just enough for a bed. Complete seed catalog **FREE**. **IOWA SEED CO., Dept. P. DES MOINES, IA.**

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When buying any article of commerce, one must depend almost entirely upon the seller. He must be able to inspire confidence, must show that he knows his business and, above all, prove that he is honest. This is even more applicable to our line of business than any other. Why take any risk? Why not deal direct and at real

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Trees, Evergreens, Roses, Shrubs, Vines, Bulbs, Flower and Garden Seeds, Satisfaction guaranteed.

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Grapes, Blackberries, Raspberries, Currants, Gooseberries, Strawberries—best growers, most prolific varieties. Get our catalogue. Has accurate descriptions and offers many special bargains. 1100 acres. **FREE**—With every \$1.00 purchase, we give you 10 kernels grown from the \$350 Prize corn (10 ears) of the National Corn Show. Your only chance to get this prize corn. 25 years in business. Sell direct. No agents. Everything true to name and dependable stock. **W. N. SCARFF, New Carlisle, O.**

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My new Flower List, with dainty, hand-painted cover design, describes over 500 choice sorts. • If you have not already received a copy, send addresses of two others who grow flowers, and I will send it, presenting you also with a

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worth of flower seeds, at half price, your own selection. Be sure to write for it before you plan your flower garden.

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## 500,000 TREES FOR SALE

Every tree you order goes direct to you, saving you half of agents' prices. Apple, Pear, Peach, Plum, Quince and Cherry trees. Also shrubs, plants and vines. All hardy, free from scale, true to name, northern grown. Send for Green's 1912 Catalog. If you send at once, you will also get Green's Book—"Thirty Years with Fruits and Flowers"—Free.

**Established 33 years. Capital \$100,000.**  
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## FLOWER SEEDS - 30¢ for 10¢

- 1—5c pkt. Mixed Colors Petunias.
- 1—10c pkt. Finest Mixed Pansies.
- 1—10c pkt. Giant Single Pinks.
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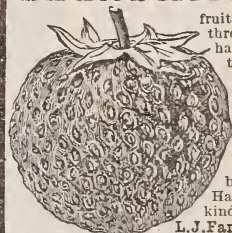
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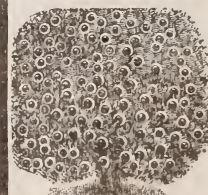


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These new berries are a great success. They bear fruit every fall as well as spring, three crops in two years. They have yielded as high as 10,000 qts. to acre in Aug., Sept. and Oct. of first year, with us. We cannot get enough fruit to supply demand. I know of nothing quite so profitable. We are also headquarters for Plum Farmer, Idaho and Royal Purple Raspberries, Watt Blackberry, Early Ozark Strawberry, Hastings Potato. Catalogue of all kinds of Berry Plants free. Address **L.J. Farmer, Box 233, Pulaski, N.Y.**

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A beautiful and valuable novelty much used for making figs. Plant grows in bush form, literally covered with fruit. The skin and flesh are a rich golden yellow, solid, thick-meated, with a pleasant flavor. When canned or dried in sugar, like figs, make excellent pies or tarts for winter use.

**For Only Ten Cents**

We will send packet *Tomato Fig Seed* and a *Surprise Packet* of other new seed in a 10c. *rebate envelope*, which when emptied, will be accepted as 10c. payment on any order for seeds in our 1912-3 color catalogue which is included **FREE**. Order today.

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Sunflower, Muskmelon, Sweet Pumpkin and Onion seed for flower seeds and bulbs. Mrs. Helen McMahon, Middlefield, Ohio.

Wild Roses, Tree Cactus, Pines and Cedars for others. Write, Miss R.A. Brooks, Des Moines, N. Mex. Gladiolus bulbs for Geranium slips. Charlie Morgan, Elberta, Mich. B. 37.

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SPECIAL OFFER: 10 varieties  
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Sweet Peas, 6c. A. C. ANDERSON, Box 5, Columbus, Mebr.

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Write to-day, (enclosing a 2c stamp for postage) and receive by return mail absolutely FREE a trial packet of BIG PANSIES, Giants in size. LARGEST in the world, over 100 marvelous and unique colors; and my beautifully illustrated Book of Flowers, at BARGAIN PRICES.

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**\$1.20** Worth of Flower **SEEDS**



Postpaid **10c**  
For Only

- 1 Pkt. Asiers, Floral Park Mixtures
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We will send the above 12 packets of First Class flower seeds, our new illustrated Garden Annual, and a due bill giving you your money back, all for 10c postpaid.

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is known the world over as synonymous with The Best Seeds That Grow! Are You willing to pay a fair price for selected seeds

**SEEDS** A Wonderful Assortment, All Tested **10c**  
Greatest bargain of the year. Nearly 100,000 of these Collections sold last year. Better send in your order today.

**BETT**, Perfected Red Turnip, earliest, best.  
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**LETTUCE**, Bell's Prize Head, early, tender.  
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Catalogue and Check for 10 cents free with order.  
This 10 cents returned on first 25 cent order.

**RADISH**, White Icicle, long, crisp, tender, best.  
**TOMATO**, Earliest in the World, large, smooth, fine.  
**TURNIP**, Sweetest German, sweet, large.  
**FLOWER SEEDS**, 500 sorts mixed, large packet.  
**BIG TOM PUMPKIN**, makes finest pies.  
Bell's Giant Thick Leaf SPINACH. None better.  
**CRESS** or **PEPPERGRASS**. Needed on every table.  
Moss Curled PARSLEY. Finest greens grown.  
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**SWEET PEAS**, 1/2 oz. California Giants grand mixed.  
**J. J. BELL SEED CO., Deposit, N. Y.**

**25 Packets Best Tested Seeds, Value \$2.50, Mailed for 10c.**

## SEEDS

The following 25 good packages, Fresh, Reliable, Tested seeds, are mailed as a trial sample of our superior seeds for only 10c. Guaranteed to grow. Money returned if not satisfactory. The 10c returned on first 25c order from catalogue.

**BETT**, Crosby's Egyptian, best, sweetest early sort.  
**CABBAGE**, Lightning Express, early, sure header.  
**CABBAGE**, Danish Ball-Head, best, solidest winter.  
**CARROT**, Perfect Half-Long, best table sort.  
**CELERY**, Self-blanching, best, crispest.  
**CUCUMBER**, Family Favorite, fine for family use.  
**LETTUCE**, May King, tender, popular heads.  
**MUSKMELON**, Rocky Ford, best garden melon.

**9 CHOICE FLOWERS**

**ASTER**, 200 grand double sorts, mixed. **ALYSSUM**, Little Gem, white, sweet, border. **GIANT COSMOS**, very fine. **KOCHIA**, grand foliage. **MIGNONETTE**, sweet. **PINKS**, 50 best sorts mixed. **PANSY**, Giants, mixed colors. **POPPY**, all showiest sorts. **MIXED FLOWER SEEDS**, 500 sorts mixed in one packet. This wonderful offer of 25 packets (usually costs \$2.50) as trial samples for only 10c. Catalogue Free.

We are extensive and reliable growers with 35 years' experience. Tell your friends. **DEPOSIT SEED CO., Deposit, N.Y.**  
20 pkts. grand, new, large flowering Sweet Peas, rare colors, orchid flowering, as trial lot for 10c.

Hundreds of pleased customers write: "Biggest lot I ever got for 10c." "Worth double any other collection advertised, and I have tried all." "Every seed grew." "Enough for my entire garden," etc.

**WATERMELON**, Deposit Early, earliest, sweetest.  
**ONION**, Prizetaker, weight 3 lbs., 1000 bus. per acre.  
**PARSLEY**, Triple Curled, best, most ornamental.  
**PARSNIP**, Improved Guernsey, smooth, sweet.  
**PEPPER**, Crimson King, early, large, sure.  
**RADISH**, White Icicle, best, early, long, tender.  
**TOMATO**, Earliana, best, extra early, smooth.  
**TURNIP**, Sweet German, large, sweet, keeps.



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69 Varieties. Also Small Fruits, Trees, etc. Best Rooted Stock, Genuine, cheap, 2 sample vines mailed for 10c. Desc. price-list free. LEWIS ROESCH & SON, Box 3, Fredonia, N. Y.

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A High-grade hatchery direct from factory at bed-rock price. Triple walls covered with asbestos and galvanized iron. Hot water, copper tank self regulating, easy heating, simple, safe, set up complete, none better. Money back guarantee. Brooders \$2.50 up. Big Catalog Free. Mankato Incubator Co., Box 879, Mankato, Minn

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A WEEK**



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**Verses.**—Who can supply me with the song, 'Young Monroe'?—Mrs. G. F. G., Jefferson Co., N. Y., Nov. 30, 1911.

**Name Wanted.**—I have a vine that was not repotted until this summer, when I shifted it into a nail keg, and it has sent out a runner 14 feet tall. The stems have thorns on them, and it has always dropped its leaves every winter, due I think to getting chilled before housing. The blossoms are small white, are cream-colored like an orange blossom and are very sweet. It roots readily. Who will tell me its name?—Mrs. Carlton, Alabama.

**Elzenbaum.**—Will someone tell me about the tree called by Germans Elzenbaum? I think it is the Black Alder tree, but I would like the scientific name.—J. Scheidt, Calif., Jan. 8, 1912.

**Bird of Paradise.**—I have a Bird of Paradise, four years old and six feet high, but it has never produced any blooms. How shall I treat it?—Mrs. H. V. R., Cumberland, Md., Jan. 1, 1912.

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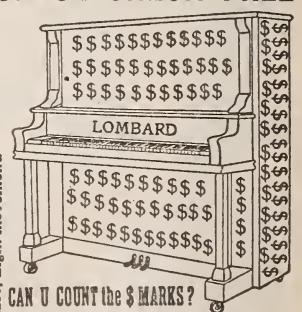


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**From Missouri.**—Dear Editor:—I have taken the Floral Magazine two years, and I think I will take it the rest of my life. I do so enjoy reading the letters of the floral family. Our yard is large and beautiful, but I cannot get many flowers to grow, because of the blue-grass and large shade trees. What flowers should I plant? How can one get rid of Morning Glories that have escaped cultivation? They are so bad here that they have taken corn fields. There are lots of birds here winter and summer. They build on the porches and in the trees near the house. Here are the names of some of them: Red Whistler, Quail, Oriole, Robin, Bluebird, Brown Thrush, Whip-poor-will, Wren, Dove, Bluejay, Swinging-bird, Song Sparrow, Snow-bird, Red Head, Martin, Cat-bird, Lark, Mocking-bird, Humming-bird, Garden Canary; and on the bank of our pond there is a bird that catches fish. I don't know its name, but I see it near the pond every spring and like to watch it catch fish. M. H. Limonville, Mo., Nov. 14, 1911.

[Answer.—Lily of the Valley, Jonquils, Daffodils, Leucojum vernum and Leucojum aestivalis or Snowflake all grow more or less successfully in a partially shaded place troubled with grass. The Morning Glories may be eradicated by constant cultivation for two or three years, or until the seeds in the ground have all germinated. Of course a crop of corn or sorghum can be grown on the ground at the same time. The plants are not tenacious, the Morning Glory being an annual; but the cultivation must be continued until all the seeds in the soil have germinated.—Ed.]

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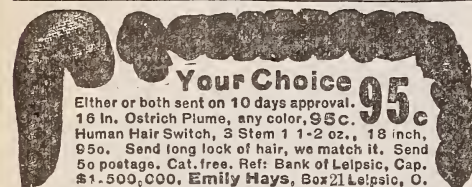
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Bourbon Co., Kans., Jan. 5, 1912.

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Law. Co., Ga., Nov. 27, 1911.

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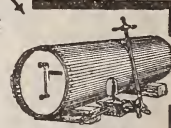
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FOR SELLING POST CARDS. We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an 1m. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us \$2, and we will positively send you the

Watch, Ring & Chain. WILLARD WATCH CO., Dept. 359, CHICAGO

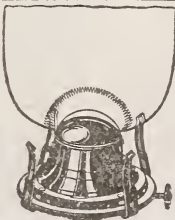
STEM  
WIND &  
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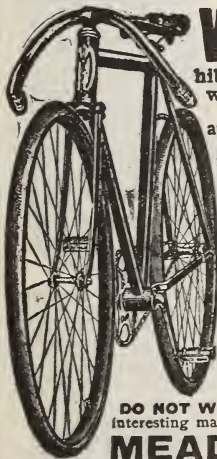
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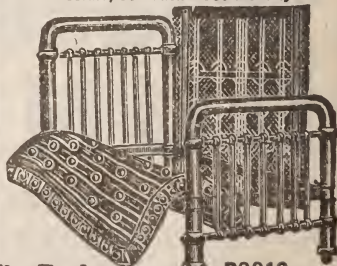
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